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DES DIVISION OF
EMPLOYMENT SECURITY

Employment Review

AUGUST 1988

Nonagricultural Employment Continues to Expand

The Commonwealth's total nonagricultural wage and salary employment showed a comeback in August 1988 from last month's temporary seasonal downturn. Job gains in Massachusetts registered over 6,800 positions. The Bay State's economy provided 3,125,900 jobs. Indeed, the August gains were more than double the increase during the July/August period of last year (2,900 jobs).

- As a result, in part, of a seasonal pick-up, employment levels in August 1988 increased slightly or moderately in many industrial sectors, including construction (2,100 jobs); transportation, communication, and public utilities (100 jobs); the service sector (2,900 jobs); and the high technology nonmanufacturing industries (300 jobs).

- Employment was unchanged or declined slightly in mining; the finance, insurance, and real estate sector (100 jobs); and government (5,000 positions). A local government subsector - educational services - accounted for the bulk of the decline in government (4,400 positions).

- In the manufacturing sector employment rose by 4,800. Increases were registered in both subsectors of manufacturing with durable goods producing industries adding 200 jobs and nondurable goods producing industries adding 4,600 jobs.

The Commonwealth's economic expansion continues to roll along, creating 72,100 nonagricultural jobs since August 1987.

- The highest annual growth rate in the state's economy was registered by the construction sector at 10.2 percent (or 15,200 jobs) for the year ending August 1988. The finance, insurance, and real estate sector improved by 4.5 percent (or 10,100 jobs). The service sector experienced annual growth of 4.4 percent, resulting in 37,800 new jobs.

- Moderate increases were seen in the wholesale and retail trade sector which grew by 2.2 percent or 16,100 new positions. Similarly, public sector employment expanded by approximately 1.3 percent or 4,900 jobs.

Unemployment Rate Declines In August 1988

The Commonwealth registered a seasonally adjusted unemployment rate of 3.3 percent in

(continued on page 9)

COMMONWEALTH OF MASSACHUSETTS

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	AUG 1988	JULY 1988	AUG 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3125.9	3119.1	3053.8	6.8	0.2	72.1	2.4
Manufacturing	578.4	573.6	591.1	4.8	0.8	-12.7	-2.1
Durable Goods	383.4	383.2	391.9	0.2	0.1	-8.5	-2.2
Lumber & Furniture	13.6	13.2	13.7	0.4	3.0	-0.1	-0.7
Stone,Clay & Glass	10.9	11.0	10.7	-0.1	-0.9	0.2	1.9
Primary Metals	15.6	15.1	15.2	0.5	3.3	0.4	2.6
Fabricated Metals	39.8	39.5	40.9	0.3	0.8	-1.1	-2.7
Cutlery,Hand tools,Hardware	8.2	8.3	8.6	-0.1	-1.2	-0.4	-4.7
Machinery, except electrical	99.6	100.1	102.1	-0.5	-0.5	-2.5	-2.4
Metalworking machinery	12.6	12.6	12.6	0.0	****	0.0	****
Special industry machinery	10.4	10.4	11.1	0.0	****	-0.7	-6.3
* Office Computing, & Accounting Machines	57.0	57.4	56.5	-0.4	-0.7	0.5	0.9
Electrical & Electronic machinery,equip.,etc.	101.8	101.9	104.1	-0.1	-0.1	-2.3	-2.2
Communications equipment	39.7	40.1	40.5	-0.4	-1.0	-0.8	-2.0
Electronic components	42.1	42.0	41.7	0.1	0.2	0.4	1.0
Transportation equipment	31.5	31.8	32.6	-0.3	-0.9	-1.1	-3.4
Instruments	52.1	52.4	53.7	-0.3	-0.6	-1.6	-3.0
Measuring & Control devices	17.6	17.6	18.9	0.0	****	-1.3	-6.9
Miscellaneous Manufacturing Industries	18.5	18.2	18.9	0.3	1.6	-0.4	-2.1
Jewelry	6.9	6.9	7.3	0.0	****	-0.4	-5.5
Nondurable Goods	195.0	190.4	199.2	4.6	2.4	-4.2	-2.1
Food & kindred products	19.9	19.5	21.0	0.4	2.1	-1.1	-5.2
Textile mill products	15.8	15.5	16.7	0.3	1.9	-0.9	-5.4
Apparel	23.5	21.4	25.6	2.1	9.8	-2.1	-8.2
Mens & Boys suits,coats & furnishings	6.3	5.9	6.7	0.4	6.8	-0.4	-6.0
Paper & allied products	24.1	23.7	24.3	0.4	1.7	-0.2	-0.8
Printing & Publishing	56.5	56.3	55.0	0.2	0.4	1.5	2.7
Chemicals	17.2	17.3	17.5	-0.1	-0.6	-0.3	-1.7
Rubber & miscellaneous Plastic products	27.6	27.1	28.4	0.5	1.8	-0.8	-2.8
Miscellaneous Plastic products	21.2	20.7	21.9	0.5	2.4	-0.7	-3.2
Leather & Leather products	8.6	7.8	9.0	0.8	10.3	-0.4	-4.4
Footwear, except rubber	4.2	3.7	4.5	0.5	13.5	-0.3	-6.7
Mining	2.0	2.0	1.9	0.0	****	0.1	5.3
Construction	164.3	162.2	149.1	2.1	1.3	15.2	10.2
Transportation, Communication & Public Utilities	129.1	129.0	128.5	0.1	0.1	0.6	0.5
Wholesale & Retail trade	739.3	737.3	723.2	2.0	0.3	16.1	2.2
Wholesale Trade	175.9	175.7	170.6	0.2	0.1	5.3	3.1
Retail Trade	563.4	561.6	552.6	1.8	0.3	10.8	2.0
Finance, Insurance & Real Estate	233.1	233.2	223.0	-0.1	****	10.1	4.5
Banking	65.7	65.7	65.3	0.0	****	0.4	0.6
Services	889.7	886.8	851.9	2.9	0.3	37.8	4.4
Health Services	251.6	251.1	243.0	0.5	0.2	8.6	3.5
Educational Services	98.8	99.1	100.2	-0.3	-0.3	-1.4	-1.4
Government	390.0	395.0	385.1	-5.0	-1.3	4.9	1.3
Federal	62.6	62.7	62.2	-0.1	-0.2	0.4	0.6
U.S. Postal Service	28.1	28.0	26.8	0.1	0.4	1.3	4.9
State	102.7	102.7	100.3	0.0	****	2.4	2.4
Educational services	25.5	25.7	25.8	-0.2	-0.8	-0.3	-1.2
Local	224.7	229.6	222.6	-4.9	-2.1	2.1	0.9
Educational services	113.5	117.9	112.3	-4.4	-3.7	1.2	1.1
Other Local	111.2	111.7	110.3	-0.5	-0.4	0.9	0.8
* High Technology Manufacturing	234.7	235.5	239.0	-0.8	-0.3	-4.3	-1.8
* High Technology Nonmanufacturing	91.0	90.7	86.8	0.3	0.3	4.2	4.8

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1988	July 1988	Aug 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1726.5	1730.0	1695.8	-3.5	-0.2	30.7	1.8
Manufacturing	273.8	273.3	277.6	0.5	0.2	-3.8	-1.4
Durable Goods	194.0	194.3	197.4	-0.3	-0.2	-3.4	-1.7
Primary Metals	3.4	3.1	3.3	0.3	9.7	0.1	3.0
Fabricated Metals	15.3	15.2	16.0	0.1	0.7	-0.7	-4.4
Machinery, except electrical	46.6	46.8	48.0	-0.2	-0.4	-1.4	-2.9
Electrical & Electronic machinery,equip.,etc.	58.6	59.0	58.6	-0.4	-0.7	0.0	****
Transportation equipment	19.7	19.8	20.6	-0.1	-0.5	-0.9	-4.4
Instruments	39.0	39.0	39.4	0.0	****	-0.4	-1.0
Nondurable Goods	79.8	79.0	80.2	0.8	1.0	-0.4	-0.5
Food & kindred products	11.5	11.3	11.6	0.2	1.8	-0.1	-0.9
Textile mill products	2.4	2.3	2.3	0.1	4.3	0.1	4.3
Apparel	6.3	6.1	6.8	0.2	3.3	-0.5	-7.4
Paper & allied products	6.9	6.7	7.1	0.2	3.0	-0.2	-2.8
Printing & Publishing	33.7	33.6	32.9	0.1	0.3	0.8	2.4
Chemicals	8.2	8.2	8.1	0.0	****	0.1	1.2
Rubber & miscellaneous Plastic products	7.9	7.8	8.3	0.1	1.3	-0.4	-4.8
Leather & Leather products	2.2	2.2	2.5	0.0	****	-0.3	-12.0
Mining	1.1	1.1	0.9	0.0	****	0.2	22.2
Construction	79.2	78.3	73.7	0.9	1.1	5.5	7.5
Transportation, Communication & Public Utilities	75.4	75.3	74.1	0.1	0.1	1.3	1.8
Wholesale & Retail trade	385.0	385.4	380.7	-0.4	-0.1	4.3	1.1
Finance, Insurance & Real Estate	157.2	156.7	152.6	0.5	0.3	4.6	3.0
Banking	44.6	44.2	43.7	0.4	0.9	0.9	2.1
Insurance	36.7	36.8	36.9	-0.1	-0.3	-0.2	-0.5
Services	560.3	560.2	541.9	0.1	****	18.4	3.4
Health Services	141.4	141.4	138.3	0.0	****	3.1	2.2
Educational Services	71.5	72.4	71.8	-0.9	-1.2	-0.3	-0.4
Government	194.5	199.7	194.3	-5.2	-2.6	0.2	0.1
Federal	38.2	38.3	38.9	-0.1	-0.3	-0.7	-1.8
U.S. Postal Service	15.4	15.4	15.0	0.0	****	0.4	2.7
Federal Hospitals	5.0	4.9	5.3	0.1	2.0	-0.3	-5.7
State	52.6	52.8	50.4	-0.2	-0.4	2.2	4.4
State Hospitals	5.0	5.2	4.8	-0.2	-3.8	0.2	4.2
Educational services	8.6	8.6	8.1	0.0	****	0.5	6.2
Local	103.7	108.6	105.0	-4.9	-4.5	-1.3	-1.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1988	July 1988	Aug 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	238.8	239.6	234.5	-0.8	-0.3	4.3	1.8
Manufacturing	50.6	50.3	50.5	0.3	0.6	0.1	0.2
Durable Goods	26.1	25.8	25.7	0.3	1.2	0.4	1.6
Fabricated Metals	7.3	7.0	6.9	0.3	4.3	0.4	5.8
Machinery, except electrical	6.5	6.5	6.2	0.0	****	0.3	4.8
Nondurable Goods	24.5	24.5	24.8	0.0	****	-0.3	-1.2
Textile mill products	1.5	1.4	1.5	0.1	7.1	0.0	****
Apparel	0.7	0.8	1.0	-0.1	-12.5	-0.3	-30.0
Paper & allied products	7.9	7.9	7.7	0.0	****	0.2	2.6
Printing & Publishing	6.2	6.2	6.3	0.0	****	-0.1	-1.6
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.2	11.0	10.9	0.2	1.8	0.3	2.8
Transportation, Communication & Public Utilities	9.6	9.5	9.2	0.1	1.1	0.4	4.3
Wholesale & Retail trade	57.4	56.9	55.9	0.5	0.9	1.5	2.7
Finance, Insurance & Real Estate	16.8	17.0	16.6	-0.2	-1.2	0.2	1.2
Services	58.6	58.3	55.9	0.3	0.5	2.7	4.8
Government	34.5	36.5	35.4	-2.0	-5.5	-0.9	-2.5
Federal	6.3	6.3	6.3	0.0	****	0.0	****
State	8.2	8.4	8.1	-0.2	-2.4	0.1	1.2
Local	20.0	21.8	21.0	-1.8	-8.3	-1.0	-4.8
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	204.2	204.1	197.4	0.1	****	6.8	3.4
Manufacturing	45.8	45.6	45.9	0.2	0.4	-0.1	-0.2
Durable Goods	30.7	30.7	30.3	0.0	****	0.4	1.3
Primary Metals	2.1	2.2	2.0	-0.1	-4.5	0.1	5.0
Fabricated Metals	6.9	6.9	6.7	0.0	****	0.2	3.0
Machinery, except electrical	9.9	9.8	10.0	0.1	1.0	-0.1	-1.0
Nondurable Goods	15.1	14.9	15.6	0.2	1.3	-0.5	-3.2
Textile mill products	2.6	2.5	2.8	0.1	4.0	-0.2	-7.1
Leather & Leather products	0.5	0.4	0.7	0.1	25.0	-0.2	-28.6
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.3	11.1	10.1	0.2	1.8	1.2	11.9
Transportation, Communication & Public Utilities	8.4	8.5	8.7	-0.1	-1.2	-0.3	-3.4
Wholesale & Retail trade	47.8	47.6	47.2	0.2	0.4	0.6	1.3
Finance, Insurance & Real Estate	15.6	15.4	14.4	0.2	1.3	1.2	8.3
Services	52.2	51.8	48.1	0.4	0.8	4.1	8.5
Government	22.9	23.9	22.9	-1.0	-4.2	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1988	July 1988	Aug 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	74.2	74.0	71.8	0.2	0.3	2.4	3.3
Manufacturing	11.4	11.1	11.4	0.3	2.7	0.0	****
Durable Goods	6.4	6.2	6.2	0.2	3.2	0.2	3.2
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.3	0.0	****	0.0	****
Nondurable Goods	5.0	4.9	5.2	0.1	2.0	-0.2	-3.8
Construction	4.6	4.6	4.1	0.0	****	0.5	12.2
Transportation, Communication & Public Utilities	4.9	4.9	4.9	0.0	****	0.0	****
Wholesale & Retail trade	23.3	23.3	21.9	0.0	****	1.4	6.4
Finance, Insurance & Real Estate	3.3	3.3	3.2	0.0	****	0.1	3.1
Services	15.8	15.6	15.0	0.2	1.3	0.8	5.3
Government	10.9	11.2	11.3	-0.3	-2.7	-0.4	-3.5
Federal	3.2	3.2	3.0	0.0	****	0.2	6.7
State	2.5	2.4	2.4	0.1	4.2	0.1	4.2
Local	5.2	5.6	5.9	-0.4	-7.1	-0.7	-11.9
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	162.9	162.6	160.9	0.3	0.2	2.0	1.2
Manufacturing	49.3	48.9	50.7	0.4	0.8	-1.4	-2.8
Durable Goods	35.8	35.7	36.9	0.1	0.3	-1.1	-3.0
Nondurable Goods	13.5	13.2	13.8	0.3	2.3	-0.3	-2.2
Leather & Leather products	1.9	1.5	1.9	0.4	26.7	0.0	****
Construction	9.1	9.0	8.8	0.1	1.1	0.3	3.4
Transportation, Communication & Public Utilities	6.2	6.2	6.5	0.0	****	-0.3	-4.6
Wholesale & Retail trade	38.2	38.1	36.5	0.1	0.3	1.7	4.7
Finance, Insurance & Real Estate	6.7	6.7	6.5	0.0	****	0.2	3.1
Services	35.2	35.1	33.6	0.1	0.3	1.6	4.8
Government	18.2	18.6	18.3	-0.4	-2.2	-0.1	-0.5

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1988	July 1988	Aug 1987	#	%	#	%
***PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	43.7	43.4	42.6	0.3	0.7	1.1	2.6
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.7	10.7	11.8	0.0	****	-1.1	-9.3
Machinery	6.0	6.2	7.1	-0.2	-3.2	-1.1	-15.5
All other manufacturing	4.7	4.5	4.7	0.2	4.4	0.0	****
Construction	3.1	3.0	2.7	0.1	3.3	0.4	14.8
Transportation, Communication & Public Utilities	1.1	1.1	1.0	0.0	****	0.1	10.0
Wholesale & Retail trade	10.3	10.2	9.9	0.1	1.0	0.4	4.0
Finance, Insurance & Real Estate	2.3	2.2	2.2	0.1	4.5	0.1	4.5
Services	11.4	11.4	10.7	0.0	****	0.7	6.5
Government	4.7	4.7	4.2	0.0	****	0.5	11.9
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.0	68.0	66.6	1.0	1.5	2.4	3.6
Manufacturing	19.0	18.2	19.2	0.8	4.4	-0.2	-1.0
Durable Goods	8.0	7.9	8.1	0.1	1.3	-0.1	-1.2
Primary & Fabricated Metals	2.3	2.3	2.7	0.0	****	-0.4	-14.8
Nondurable Goods	11.0	10.3	11.1	0.7	6.8	-0.1	-0.9
Apparel	5.9	5.4	5.8	0.5	9.3	0.1	1.7
Construction	3.7	3.9	3.4	-0.2	-5.1	0.3	8.8
Transportation, Communication & Public Utilities	3.0	3.1	2.8	-0.1	-3.2	0.2	7.1
Wholesale & Retail trade	17.2	17.0	16.5	0.2	1.2	0.7	4.2
Finance, Insurance & Real Estate	2.7	2.7	2.5	0.0	****	0.2	8.0
Services	13.8	13.7	13.0	0.1	0.7	0.8	6.2
Government	9.6	9.4	9.2	0.2	2.1	0.4	4.3
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	55.8	54.3	55.5	1.5	2.8	0.3	0.5
Manufacturing	15.3	14.2	17.1	1.1	7.7	-1.8	-10.5
Textile mill products	3.9	3.8	4.4	0.1	2.6	-0.5	-11.4
All other manufacturing	11.4	10.4	12.7	1.0	9.6	-1.3	-10.2
Construction	2.9	2.8	2.5	0.1	3.6	0.4	16.0
Transportation, Communication & Public Utilities	1.9	1.8	1.8	0.1	5.6	0.1	5.6
Wholesale & Retail trade	16.0	15.6	15.0	0.4	2.6	1.0	6.7
Finance, Insurance & Real Estate	3.2	3.2	3.0	0.0	****	0.2	6.7
Services	10.8	10.8	10.4	0.0	****	0.4	3.8
Government	5.7	5.9	5.7	-0.2	-3.4	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				Prior Mo.		Year Ago	
	Aug 1988	July 1988	Aug 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	39.1	38.6	38.8	0.5	1.3	0.3	0.8
Manufacturing	11.2	10.8	11.5	0.4	3.7	-0.3	-2.6
Durable Goods	4.6	4.6	4.6	0.0	****	0.0	****
Machinery, except electrical	2.9	3.0	2.9	-0.1	-3.3	0.0	****
Nondurable Goods	6.6	6.2	6.9	0.4	6.5	-0.3	-4.3
Rubber & miscellaneous Plastic products	3.3	3.1	3.6	0.2	6.5	-0.3	-8.3
Construction	3.1	3.0	2.8	0.1	3.3	0.3	10.7
Transportation, Communication & Public Utilities	1.5	1.6	1.5	-0.1	-6.3	0.0	****
Wholesale & Retail trade	9.9	9.8	9.9	0.1	1.0	0.0	****
Finance, Insurance & Real Estate	2.0	1.9	1.8	0.1	5.3	0.2	11.1
Services	8.1	8.2	7.8	-0.1	-1.2	0.3	3.8
Government	3.3	3.3	3.5	0.0	****	-0.2	-5.7
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	105.4	105.1	103.7	0.3	0.3	1.7	1.6
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	35.6	35.4	35.8	0.2	0.6	-0.2	-0.6
Construction	6.7	6.7	5.9	0.0	****	0.8	13.6
Transportation, Communication & Public Utilities	3.2	3.2	3.5	0.0	****	-0.3	-8.6
Wholesale & Retail trade	22.4	22.2	21.8	0.2	0.9	0.6	2.8
Finance, Insurance & Real Estate	4.3	4.3	4.3	0.0	****	0.0	****
Services	20.5	20.5	20.1	0.0	****	0.4	2.0
Government	12.6	12.7	12.1	-0.1	-0.8	0.5	4.1
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	114.5	114.7	111.5	-0.2	-0.2	3.0	2.7
Manufacturing	21.2	21.1	21.7	0.1	0.5	-0.5	-2.3
Durable Goods	14.8	14.8	15.0	0.0	****	-0.2	-1.3
Nondurable Goods	6.5	6.4	6.7	0.1	1.6	-0.2	-3.0
Construction	5.8	5.7	5.3	0.1	1.8	0.5	9.4
Transportation, Communication & Public Utilities	3.8	3.8	3.6	0.0	****	0.2	5.6
Wholesale & Retail trade	34.1	33.9	33.5	0.2	0.6	0.6	1.8
Finance, Insurance & Real Estate	6.5	6.5	5.7	0.0	****	0.8	14.0
Services	28.8	28.7	27.9	0.1	0.3	0.9	3.2
Government	14.1	14.9	13.9	-0.8	-5.4	0.2	1.4

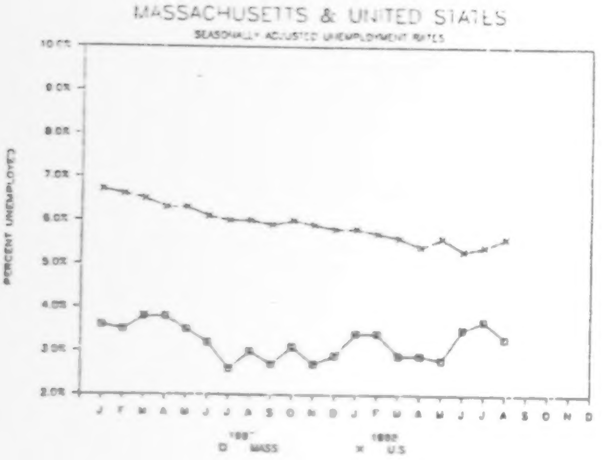
NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	AUG 88	JULY 88	AUG 87	AUG 88	JULY 88	AUG 87
UNITED STATES	40.8	40.7	40.9	$10.11	$10.16	$9.87
MASSACHUSETTS	41.1	41.4	41.2	10.25	$10.32	9.83
BOSTON	41.4	41.8	40.5	10.99	11.05	10.71
BROCKTON	0.0	40.2	40.5	0.0	8.41	8.10
FALL RIVER	37.4	36.8	38.2	7.76	7.71	7.54
LAWRENCE-HAVERHILL	40.6	40.3	40.7	10.11	10.19	9.90
LOWELL	41.1	41.8	42.4	10.20	10.13	10.11
NEW BEDFORD	38.2	38.3	37.9	8.73	8.78	8.30
SPRINGFIELD	42.9	43.0	42.4	9.76	9.79	9.27
WORCESTER	40.4	40.5	40.8	10.45	10.51	9.92

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	AUG 88	JULY 88	AUG 87	AUG 88	JULY 88	AUG 87
MANUFACTURING	41.1	41.4	41.2	10.25	10.32	9.83
DURABLE GOODS	41.5	41.8	41.9	10.67	10.75	10.29
LUMBER & FURNITURE	39.8	38.7	40.9	8.01	8.11	7.59
STONE, CLAY & GLASS	41.5	41.7	41.3	12.61	12.84	12.17
PRIMARY METALS	41.6	40.2	42.9	9.81	9.97	9.56
FABRICATED METALS	41.0	40.6	40.4	10.67	10.77	10.18
CUTLERY, ETC.	45.1	43.3	44.3	11.29	11.05	11.16
MACHINERY, EX. ELEC.	42.6	42.2	41.8	10.91	10.98	10.69
METALWORKING MACH.	42.7	42.6	43.4	11.26	11.41	11.16
SPECIAL INDU. MACH.	43.6	43.5	41.8	12.01	12.14	11.77
ELEC. & ELECTRON. MACH.	40.2	41.0	42.1	10.23	10.22	9.69
COMMUNICATIONS EQUIP.	39.5	39.6	42.0	10.69	10.52	10.52
ELECTRONIC COMP.	41.1	42.3	43.3	10.15	10.22	9.79
TRANSPORTATION EQUIP.	42.7	45.2	44.2	12.94	12.97	12.51
INSTRUMENTS	42.5	43.2	42.1	11.03	11.03	11.10
MEAS. & CONTROL DEVICES	44.8	44.7	42.0	8.40	8.54	8.21
MISC. MANUFAC. IND.	42.6	41.5	41.9	9.18	9.07	8.76
JEWELRY	40.8	41.2	41.1	8.13	7.85	7.50
NONDURABLE GOODS	40.5	40.9	40.0	9.62	9.66	9.06
FOOD & KINDRED PROD.	40.1	41.5	41.6	10.22	10.27	10.04
TEXTILE MILL PROD.	42.5	42.8	42.4	8.77	8.69	8.11
APPAREL	37.8	39.5	40.0	6.73	6.48	6.48
MENS & BOYS SUITS	38.9	40.0	41.6	7.15	7.26	7.36
PAPER & ALLIED PRODUCTS	44.3	44.3	43.7	10.33	10.44	9.58
PRINTING & PUBLISHING	37.9	37.7	37.0	10.37	10.43	10.09
CHEMICALS	42.4	43.0	39.9	12.11	11.93	11.50
RUBBER & PLASTIC PROD.	43.0	43.5	40.8	9.63	9.64	8.63
MISC. PLAS. PROD.	41.8	42.1	39.9	9.58	9.61	8.16
LEATHER & LEATHER PROD.	37.3	33.3	36.4	7.56	7.60	7.27
FOOTWEAR, EX. RUBBER	37.8	35.2	35.9	6.70	6.64	6.64



(continued from page 1)

August 1988, down from 3.7 percent in July 1988. The total number of employed people grew slightly over the month, and unemployment levels declined markedly.

- Massachusetts' August unemployment rate ranked as the second lowest of the eleven major industrial states. The Bay State's rate was very close to that of leader, North Carolina, with rates of 3.3 percent versus 3.1 percent. Michigan had the highest unemployment rate at 7.4 percent. The national rate increased slightly in August to 5.5 percent (seasonally adjusted) from July's 5.4 percent.

- The Boston PMSA's seasonally unadjusted unemployment rate of 2.7 percent continued to rank as the lowest of the major labor areas. Other areas experiencing low unemployment rates include: the Worcester MSA (2.9 percent), the Salem-Gloucester PMSA (3.0 percent), and the Springfield MSA (3.1 percent).

- The Fall River PMSA and Fitchburg-Leominster MSA unemployment rates ranked as the highest in the state at 4.6 percent and 4.4 percent respectively.

- In the smaller areas, the island counties of Nantucket and Dukes posted rates of 0.7 percent and 0.9 percent respectively. Increased summer business creates a tight labor market in both areas. The highest unemployment rates continued to be found in the north-central and north-west parts of the state with rates of 5.4 percent in the Athol LMA, and 4.5 percent in the Gardner LMA and the North Adams LMA.

High Technology Employment Remains Stable

Employment in the high technology industries totalled 325,700 in August 1988; 10.4 percent of total nonagricultural employment in the Commonwealth. High technology manufacturing industries composed 40 percent of total manufacturing employment in August 1988, the same as in August 1987.

Since August 1987, the high technology nonmanufacturing industries added 4,200 jobs, a growth rate of 4.8 percent. High technology manufacturing employment dropped 1.8 percent or 4,300 over the year.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	August 1988	July 1988	August 1987
United States	5.6	5.4	6.0
Massachusetts	3.3	3.7	3.0
Labor Force	3,119.0	3,137.0	3,099.0
Employed	3,015.0	3,020.0	3,006.0
Unemployed	104.0	117.0	93.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT UNITED STATES, MASSACHUSETTS AND THE LABOR AREA NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	August 1988	July 1988	August 1987
UNITED STATES			
LABOR FORCE	123,396,000	123,889,000	121,615,000
EMPLOYMENT	116,737,000	117,066,000	114,527,000
UNEMPLOYMENT	6,659,000	6,823,000	7,088,000
PERCENT UNEMPLOYED	5.4	5.5	5.8
MASSACHUSETTS			
LABOR FORCE	3,186,500	3,200,400	3,165,100
EMPLOYMENT	3,087,800	3,084,800	3,076,100
UNEMPLOYMENT	98,700	115,600	89,000
PERCENT UNEMPLOYED	3.1	3.6	2.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,565,300	1,569,910	1,560,130
EMPLOYMENT	1,522,460	1,521,030	1,520,370
UNEMPLOYMENT	42,840	48,880	39,760
PERCENT UNEMPLOYED	2.7	3.1	2.5
BROCKTON PMSA			
LABOR FORCE	100,740	101,590	98,950
EMPLOYMENT	97,000	97,190	95,770
UNEMPLOYMENT	3,740	4,400	3,180
PERCENT UNEMPLOYED	3.7	4.3	3.2
FALL RIVER PMSA			
LABOR FORCE	76,630	75,950	77,250
EMPLOYMENT	73,110	71,320	73,990
UNEMPLOYMENT	3,520	4,630	3,270
PERCENT UNEMPLOYED	4.6	6.1	4.2
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	44,810	45,040	45,500
EMPLOYMENT	42,840	42,590	43,770
UNEMPLOYMENT	1,980	2,460	1,720
PERCENT UNEMPLOYED	4.4	5.5	3.8
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,920	185,230	186,520
EMPLOYMENT	177,560	177,040	178,770
UNEMPLOYMENT	7,360	8,190	7,750
PERCENT UNEMPLOYED	4.0	4.4	4.2
LOWELL PMSA			
LABOR FORCE	150,880	152,260	151,710
EMPLOYMENT	145,480	146,400	147,000
UNEMPLOYMENT	5,400	5,860	4,700
PERCENT UNEMPLOYED	3.6	3.8	3.1
NEW BEDFORD MSA			
LABOR FORCE	88,790	88,290	85,930
EMPLOYMENT	84,990	83,510	82,610
UNEMPLOYMENT	3,810	4,790	3,320
PERCENT UNEMPLOYED	4.3	5.4	3.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	August 1988	July 1988	August 1987
PITTSFIELD MSA			
LABOR FORCE	42,560	43,030	42,100
EMPLOYMENT	40,730	41,010	40,640
UNEMPLOYMENT	1,830	2,020	1,460
PERCENT UNEMPLOYED	4.3	4.7	3.5
SALEM-GLOUCESTER PMSA			
LABOR FORCE	157,220	158,520	155,970
EMPLOYMENT	152,540	152,510	151,910
UNEMPLOYMENT	4,690	6,010	4,060
PERCENT UNEMPLOYED	3.0	3.8	2.6
SPRINGFIELD MSA			
LABOR FORCE	255,440	257,210	254,620
EMPLOYMENT	247,400	247,860	247,520
UNEMPLOYMENT	8,040	9,350	7,100
PERCENT UNEMPLOYED	3.1	3.6	2.8
WORCESTER MSA			
LABOR FORCE	221,770	223,450	218,220
EMPLOYMENT	215,240	215,780	212,470
UNEMPLOYMENT	6,530	7,670	5,750
PERCENT UNEMPLOYED	2.9	3.4	2.6
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	30,990	31,430	30,230
EMPLOYMENT	30,210	30,530	29,460
UNEMPLOYMENT	780	900	770
PERCENT UNEMPLOYED	2.5	2.9	2.6
ATHOL LMA			
LABOR FORCE	10,070	10,370	10,040
EMPLOYMENT	9,530	9,680	9,630
UNEMPLOYMENT	540	690	410
PERCENT UNEMPLOYED	5.4	6.6	4.1
ATTLEBORO LMA			
LABOR FORCE	50,420	50,270	49,430
EMPLOYMENT	48,190	47,790	47,400
UNEMPLOYMENT	2,240	2,490	2,020
PERCENT UNEMPLOYED	4.4	4.9	4.1
BARNSTABLE LMA			
LABOR FORCE	121,900	122,810	116,970
EMPLOYMENT	118,490	118,950	114,360
UNEMPLOYMENT	3,410	3,860	2,610
PERCENT UNEMPLOYED	2.8	3.1	2.2
DUKES COUNTY LMA			
LABOR FORCE	11,030	10,850	10,070
EMPLOYMENT	10,930	10,720	9,970
UNEMPLOYMENT	100	130	110
PERCENT UNEMPLOYED	0.9	1.2	1.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT UNITED STATES, MASSACHUSETTS AND THE LABOR AREA NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	August 1988	July 1988	August 1987
GARDNER LMA			
LABOR FORCE	14,650	14,890	14,760
EMPLOYMENT	14,000	13,910	14,150
UNEMPLOYMENT	650	970	610
PERCENT UNEMPLOYED	4.5	6.5	4.1
GREAT BARRINGTON LMA			
LABOR FORCE	9,830	9,840	9,960
EMPLOYMENT	9,630	9,600	9,700
UNEMPLOYMENT	200	240	260
PERCENT UNEMPLOYED	2.0	2.4	2.6
GREENFIELD LMA			
LABOR FORCE	26,370	26,340	26,200
EMPLOYMENT	25,680	25,450	25,610
UNEMPLOYMENT	690	890	590
PERCENT UNEMPLOYED	2.6	3.4	2.3
NANTUCKET LMA			
LABOR FORCE	8,360	8,320	8,020
EMPLOYMENT	8,300	8,270	7,990
UNEMPLOYMENT	60	50	20
PERCENT UNEMPLOYED	0.7	0.6	0.3
NORTH ADAMS LMA			
LABOR FORCE	19,770	19,990	19,360
EMPLOYMENT	18,870	18,970	18,650
UNEMPLOYMENT	890	1,020	710
PERCENT UNEMPLOYED	4.5	5.1	3.7
SOUTHBRIDGE LMA			
LABOR FORCE	12,980	13,210	13,660
EMPLOYMENT	12,480	12,590	13,200
UNEMPLOYMENT	500	620	460
PERCENT UNEMPLOYED	3.8	4.7	3.4
TAUNTON LMA			
LABOR FORCE	26,760	27,060	26,380
EMPLOYMENT	25,740	25,670	25,450
UNEMPLOYMENT	1,020	1,390	930
PERCENT UNEMPLOYED	3.8	5.1	3.5
WARE LMA			
LABOR FORCE	8,060	7,960	8,180
EMPLOYMENT	7,740	7,580	7,890
UNEMPLOYMENT	330	370	290
PERCENT UNEMPLOYED	4.1	4.7	3.6
BALANCE of WESTERN MASS EA			
LABOR FORCE	10,330	9,820	9,860
EMPLOYMENT	10,050	9,490	9,580
UNEMPLOYMENT	290	330	280
PERCENT UNEMPLOYED	2.8	3.4	2.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

AUGUST 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,795	7,526	269	3.5
ACTON	10,182	10,037	145	1.4
ACUSHNET	5,363	5,158	205	3.8
ADAMS	5,143	4,897	246	4.8
AGAWAM	14,521	14,188	333	2.3
ALFORD	249	245	4	1.6
AMESBURY	7,361	7,065	296	4.0
AMHERST	19,578	19,146	432	2.2
ANDOVER	13,905	13,594	311	2.2
ARLINGTON	26,710	26,119	591	2.2
ASHBURNHAM	2,289	2,210	79	3.5
ASHBY	1,219	1,167	52	4.3
ASHFIELD	902	873	29	3.2
ASHLAND	7,158	6,990	168	2.3
ATHOL	4,369	4,145	224	5.1
ATTLEBORO	19,090	18,080	1,010	5.3
AUBURN	8,635	8,466	169	2.0
AVON	2,942	2,840	102	3.5
AYER	3,610	3,451	159	4.4
BARNSTABLE	25,224	24,177	1,047	4.2
BARRE	2,321	2,261	60	2.6
BECKET	853	828	25	2.9
BEDFORD	6,917	6,767	150	2.2
BELCHERTOWN	4,851	4,722	129	2.7
BELLINGHAM	7,637	7,366	271	3.5
BELMONT	14,195	13,979	216	1.5
BERKLEY	1,771	1,691	80	4.5
BERLIN	1,286	1,261	25	1.9
BERNARDSTON	1,008	982	26	2.6
BEVERLY	23,059	22,506	553	2.4
BILLERICA	22,747	22,028	719	3.2
BLACKSTONE	3,481	3,304	177	5.1
BLANDFORD	656	647	9	1.4
BOLTON	1,686	1,636	50	3.0
BOSTON	303,706	293,249	10,457	3.4
BOURNE	9,226	8,935	291	3.2
BOXBOROUGH	2,076	2,045	31	1.5
BOXFORD	3,038	2,986	52	1.7
BOYLSTON	2,152	2,109	43	2.0
BRAINTREE	19,420	18,894	526	2.7
BREWSTER	4,199	4,127	72	1.7
BRIDGEWATER	9,671	9,369	302	3.1
BRIMFIELD	1,186	1,154	32	2.7
BROCKTON	49,709	47,523	2,186	4.4
BROOKFIELD	1,507	1,465	42	2.8
BROOKLINE	32,598	31,979	619	1.9
BUCKLAND	997	986	11	1.1
BURLINGTON	13,877	13,525	352	2.5
CAMBRIDGE	54,781	53,469	1,312	2.4
CANTON	10,361	10,153	208	2.0
CARLISLE	2,264	2,226	38	1.7
CARVER	4,643	4,503	140	3.0
CHARLEMONT	654	634	20	3.1
CHARLTON	4,216	4,101	115	2.7
CHATHAM	3,913	3,859	54	1.4
CHELMSFORD	19,645	18,942	703	3.6
CHELSEA	11,708	11,180	528	4.5
CHESHIRE	1,750	1,708	42	2.4
CHESTER	628	600	28	4.5
CHESTERFIELD	697	681	16	2.3
CHICOPEE	29,287	28,372	915	3.1
CHILMARK	652	644	8	1.2
CLARKSBURG	973	949	24	2.5
CLINTON	6,833	6,600	233	3.4
COHASSET	3,906	3,801	105	2.7
COLRAIN	889	857	32	3.6
CONCORD	9,282	9,147	135	1.5
CONWAY	831	811	20	2.4
CUMMINGTON	465	450	15	3.2
DALTON	3,466	3,337	129	3.7
DANVERS	14,984	14,703	281	1.9
DARTMOUTH	14,306	13,810	496	3.5
DEDHAM	13,610	13,361	249	1.8
DEERFIELD	2,864	2,809	55	1.9
DENNIS	8,455	8,230	225	2.7
DIGHTON	2,682	2,598	84	3.1
DOUGLAS	2,407	2,315	92	3.8
DOVER	2,469	2,439	30	1.2
DRACUT	15,054	14,531	523	3.5
DUDLEY	5,078	4,921	157	3.1
DUNSTABLE	1,223	1,208	15	1.2
DUXBURY	6,831	6,686	145	2.1
EAST BRIDGEWATER	5,495	5,331	164	3.0
EAST BROOKFIELD	972	943	29	3.0
EAST LONGMEADOW	6,428	6,295	133	2.1
EASTHAM	2,879	2,803	76	2.6
EASTHAMPTON	8,879	8,637	242	2.7
EASTON	11,133	10,868	265	2.4
EDGARTOWN	3,082	3,051	31	1.0
EGREMONT	878	866	12	1.4
ERVING	561	543	18	3.2
ESSEX	1,788	1,734	54	3.0
EVERETT	18,982	18,287	695	3.7
FAIRHAVEN	8,284	7,954	330	4.0
FALL RIVER	43,005	40,655	2,350	5.5
FALMOUTH	17,094	16,663	431	2.5
FITCHBURG	17,779	16,916	863	4.9
FLORIDA	376	346	30	8.0
FOXBOROUGH	8,137	8,015	122	1.5
FRAMINGHAM	39,597	38,724	873	2.2
FRANKLIN	10,239	9,924	315	3.1
FREETOWN	4,387	4,250	137	3.1
GARDNER	8,115	7,771	344	4.2
GAY HEAD	184	184	0	0.0
GEORGETOWN	3,111	3,007	104	3.3
GILL	756	745	11	1.5
GLOUCESTER	16,535	15,319	1,216	7.4
GOSHEN	487	474	13	2.7
GOSNOLD	60	53	7	11.7
GRAFTON	6,943	6,799	144	2.1
GRANBY	2,862	2,781	81	2.8
GRANVILLE	793	772	21	2.6
GREAT BARRINGTON	4,253	4,153	100	2.4
GREENFIELD	9,611	9,353	258	2.7
GROTON	3,921	3,849	72	1.8
GROVELAND	2,713	2,633	80	2.9
HADLEY	3,032	2,910	122	4.0
HALIFAX	3,018	2,911	107	3.5
HAMILTON	4,297	4,231	66	1.5
HAMPDEN	2,282	2,226	56	2.5
HANCOCK	329	324	5	1.5
HANOVER	6,130	6,005	125	2.0
HANSON	4,462	4,315	147	3.3
HARDWICK	869	850	19	2.2
HARVARD	3,465	3,429	36	1.0
HARWICH	5,779	5,676	103	1.8
HATFIELD	2,168	2,093	75	3.5
HAVERHILL	23,592	22,560	1,032	4.4
HAWLEY	194	187	7	3.6
HEATH	299	296	3	1.0
HINGHAM	10,245	10,029	216	2.1
HINSDALE	909	845	64	7.0
HOLBROOK	6,213	6,038	175	2.8
HOLDEN	7,746	7,600	146	1.9
HOLLAND	754	743	11	1.5
HOLLISTON	7,589	7,393	196	2.6
HOLYOKE	18,097	17,344	753	4.2
HOPEDALE	2,095	2,019	76	3.6
HOPKINTON	4,989	4,894	95	1.9
HUBBARDSTON	865	829	36	4.2
HUDSON	10,640	10,353	287	2.7
HULL	4,784	4,549	235	4.9
HUNTINGTON	927	893	34	3.7
IPSWICH	7,077	6,912	165	2.3
KINGSTON	4,292	4,172	120	2.8
LAKEVILLE	3,642	3,578	64	1.8
LANCASTER	3,226	3,158	68	2.1
LANESBOROUGH	1,674	1,632	42	2.5
LAWRENCE	28,928	27,297	1,631	5.6
LEE	3,114	2,996	118	3.8
LEICESTER	5,290	5,166	124	2.3
LENOX	3,489	3,416	73	2.1
LEOMINSTER	16,572	15,865	707	4.3
LEVERETT	1,115	1,098	17	1.5
LEXINGTON	16,909	16,640	269	1.6
LEYDEN	361	355	6	1.7
LINCOLN	3,535	3,494	41	1.2
LITTLETON	4,146	4,081	65	1.6
LONGMEADOW	7,857	7,720	137	1.7
LOWELL	52,864	50,561	2,303	4.4
LUDLOW	10,427	10,155	272	2.6
LUNENBURG	4,308	4,131	177	4.1
LYNN	40,452	38,781	1,671	4.1
LYNNFIELD	6,201	6,075	126	2.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

AUGUST 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	29,209	28,217	992	3.4
MANCHESTER	3,007	2,949	58	1.9
MANSFIELD	8,337	8,220	117	1.4
MARBLEHEAD	12,033	11,817	216	1.8
MARION	2,112	2,036	76	3.6
MARLBOROUGH	19,017	18,504	513	2.7
MARSHFIELD	11,955	11,576	379	3.2
MASHPEE	4,275	4,174	101	2.4
MATTAPOISETT	3,298	3,213	85	2.6
MAYNARD	5,764	5,646	118	2.0
MEDFIELD	5,655	5,540	115	2.0
MEDFORD	31,204	30,336	868	2.8
MEDWAY	5,197	5,056	141	2.7
MELROSE	16,015	15,615	400	2.5
MENDON	1,911	1,863	48	2.5
MERRIMAC	2,477	2,359	118	4.8
METHUEN	21,351	20,662	689	3.2
MIDDLEBOROUGH	8,245	7,976	269	3.3
MIDDLEFIELD	211	210	1	0.5
MIDDLETON	3,058	2,980	78	2.6
MILFORD	13,502	13,005	497	3.7
MILLBURY	6,433	6,254	179	2.8
MILLIS	4,026	3,939	87	2.2
MILLVILLE	991	936	55	5.5
MILTON	13,219	12,931	288	2.2
MONROE	64	60	4	6.3
MONSON	3,687	3,546	141	3.8
MONTAGUE	4,356	4,236	120	2.8
MONTEREY	647	637	10	1.5
MONTGOMERY	309	308	1	0.3
MOUNT WASHINGTON	82	80	2	2.4
NAHANT	2,236	2,172	64	2.9
NANTUCKET	8,360	8,304	56	0.7
NATICK	18,283	17,912	371	2.0
NEEDHAM	15,403	15,158	245	1.6
NEW ASHFORD	97	97	0	0.0
NEW BEDFORD	48,988	46,560	2,428	5.0
NEW BRAINTREE	302	290	12	4.0
NEW MARLBOROUGH	807	797	10	1.2
NEW SALEM	492	370	122	24.8
NEWBURY	2,649	2,588	61	2.3
NEWBURYPORT	8,862	8,535	327	3.7
NEWTON	48,518	47,670	848	1.7
NORFOLK	3,681	3,601	80	2.2
NORTH ADAMS	8,359	7,856	503	6.0
NORTH ANDOVER	11,368	11,061	307	2.7
NORTH ATTLEBOROUGH	12,525	12,080	445	3.6
NORTH BROOKFIELD	2,224	2,149	75	3.4
NORTH READING	6,948	6,814	134	1.9
NORTHAMPTON	14,489	14,153	336	2.3
NORTHBOROUGH	6,495	6,362	133	2.0
NORTHBRIDGE	6,725	6,526	199	3.0
NORTHFIELD	1,368	1,337	31	2.3
NORTON	7,665	7,436	229	3.0
NORWELL	4,935	4,811	124	2.5
NORWOOD	16,992	16,530	462	2.7
OAK BLUFFS	2,024	2,000	24	1.2
OAKHAM	501	492	9	1.8
ORANGE	2,750	2,615	135	4.9
ORLEANS	3,678	3,626	52	1.4
OTIS	542	505	37	6.8
OXFORD	6,581	6,359	222	3.4
PALMER	6,342	6,124	218	3.4
PAXTON	2,234	2,199	35	1.6
PEABODY	28,612	27,820	792	2.8
PELHAM	933	911	22	2.4
PEMBROKE	7,509	7,292	217	2.9
PEPPERELL	5,314	5,192	122	2.3
PERU	454	441	13	2.9
PETERSHAM	429	422	7	1.6
PHILLIPSTON	452	446	6	1.3
PITTSFIELD	25,918	24,591	1,327	5.1
PLAINFIELD	242	231	11	4.5
PLAINVILLE	3,383	3,122	261	7.7
PLYMOUTH	19,327	18,585	742	3.8
PLYMPTON	1,145	1,112	33	2.9
PRINCETON	1,723	1,684	39	2.3
PROVINCETOWN	2,608	2,539	69	2.6
QUINCY	47,154	45,694	1,460	3.1
RANDOLPH	16,660	16,129	531	3.2
RAYNHAM	5,223	5,074	149	2.9
READING	13,230	12,946	284	2.1
REHOBOTH	4,343	4,183	160	3.7
REVERE	23,157	22,272	885	3.8
RICHMOND	890	878	12	1.3
ROCHESTER	2,055	2,008	47	2.3
ROCKLAND	7,928	7,695	233	2.9
ROCKPORT	3,404	3,293	111	3.3
ROWE	181	177	4	2.2
ROWLEY	2,805	2,714	91	3.2
ROYALSTON	427	419	8	1.9
RUSSELL	797	768	29	3.6
RUTLAND	2,495	2,427	68	2.7
SALEM	23,096	22,378	718	3.1
SALISBURY	3,524	3,356	168	4.8
SANDISFIELD	425	417	8	1.9
SANDWICH	8,537	8,385	152	1.8
SAUGUS	14,771	14,328	443	3.0
SAVOY	361	342	19	5.3
SCITUATE	9,138	8,948	190	2.1
SEEKONK	6,610	6,480	130	2.0
SHARON	8,337	8,186	151	1.8
SHEFFIELD	1,681	1,651	30	1.8
SHELBURNE	1,033	981	52	5.0
SHERBORN	2,203	2,175	28	1.3
SHIRLEY	2,819	2,755	64	2.3
SHREWSBURY	13,183	12,891	292	2.2
SHUTESBURY	898	876	22	2.4
SOMERSET	9,941	9,575	366	3.7
SOMERVILLE	40,891	39,690	1,201	2.9
SOUTH HADLEY	8,836	8,636	200	2.3
SOUTHAMPTON	2,388	2,350	38	1.6
SOUTHBOROUGH	3,673	3,607	66	1.8
SOUTHBRIDGE	7,184	6,847	337	4.7
SOUTHWICK	4,141	4,047	94	2.3
SPENCER	6,080	5,928	152	2.5
SPRINGFIELD	68,169	65,404	2,765	4.1
STERLING	3,710	3,616	94	2.5
STOCKBRIDGE	1,355	1,330	25	1.8
STONEHAM	12,999	12,671	328	2.5
STOUGHTON	15,209	14,801	408	2.7
STOW	3,189	3,133	56	1.8
STURBRIDGE	3,265	3,180	85	2.6
SUDBURY	7,684	7,569	115	1.5
SUNDERLAND	2,323	2,248	75	3.2
SUTTON	3,418	3,349	69	2.0
SWAMPSCOTT	8,021	7,859	162	2.0
SWANSEA	8,221	7,989	232	2.8
TAUNTON	22,308	21,448	860	3.9
TEMPLETON	2,498	2,389	109	4.4
TEWKSBURY	15,034	14,640	394	2.6
TISBURY	3,632	3,600	32	0.9
TOLLAND	158	153	5	3.2
TOPSFIELD	3,218	3,124	94	2.9
TOWNSEND	4,554	4,442	112	2.5
TRURO	772	760	12	1.6
TYNGSBOROUGH	4,785	4,643	142	3.0
TYRINGHAM	265	262	3	1.1
UPTON	2,364	2,309	55	2.3
UXBRIDGE	4,834	4,664	170	3.5
WAKEFIELD	14,451	14,124	327	2.3
WALES	592	557	35	5.9
WALPOLE	11,121	10,623	498	4.5
WALTHAM	34,052	33,325	727	2.1
WARE	3,661	3,492	169	4.6
WAREHAM	12,085	11,628	457	3.8
WARREN	1,426	1,352	74	5.2
WARWICK	221	215	6	2.7
WASHINGTON	341	331	10	2.9
WATERTOWN	20,376	19,963	413	2.0
WAYLAND	7,095	6,986	109	1.5
WEBSTER	7,915	7,551	364	4.6
WELLESLEY	14,234	14,031	203	1.4
WELLFLEET	1,419	1,395	24	1.7
WENDELL	372	356	16	4.3
WENHAM	2,229	2,198	31	1.4
WEST BOYLSTON	3,416	3,348	68	2.0
WEST BRIDGEWATER	3,540	3,438	102	2.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

AUGUST 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WHITMAN	7,442	7,199	243	3.3
WILBRAHAM	6,454	6,306	148	2.3
WILLIAMSBURG	1,630	1,580	50	3.1
WILLIAMSTOWN	4,131	4,063	68	1.6
WILMINGTON	9,601	9,301	300	3.1
WINCHENDON	3,169	3,005	164	5.2
WINCHESTER	11,116	10,888	228	2.1
WINDSOR	383	366	17	4.4
WINTHROP	10,942	10,618	324	3.0
WOBURN	22,557	21,944	613	2.7
WORCESTER	82,171	79,303	2,868	3.5
WORTHINGTON	674	661	13	1.9
WRENTHAM	3,964	3,853	111	2.8
YARMOUTH	11,758	11,514	244	2.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,304	1,261	43	3.3
WEST NEWBURY	1,617	1,580	37	2.3
WEST SPRINGFIELD	14,765	14,358	407	2.8
WEST STOCKBRIDGE	811	788	23	2.8
WEST TISBURY	1,395	1,393	2	0.1
WESTBOROUGH	8,044	7,890	154	1.9
WESTFIELD	18,648	18,071	577	3.1
WESTFORD	8,951	8,737	214	2.4
WESTHAMPTON	855	853	2	0.2
WESTMINSTER	2,646	2,546	100	3.8
WESTON	5,818	5,742	76	1.3
WESTPORT	7,044	6,793	251	3.6
WESTWOOD	7,047	6,931	116	1.6
WEYMOUTH	31,042	30,122	920	3.0
WHATELY	944	927	17	1.8

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	AUG 88	JULY 88	AUG 87	AUG 88	JULY 88	AUG 87
MASSACHUSETTS	4,686	7,713	3,862	49,249	55,948	47,493
MAJOR LABOR AREAS						
BOSTON PMSA	1,697	2,151	1,411	23,244	23,808	22,053
BROCKTON PMSA	146	207	112	1,904	2,046	1,569
FALL RIVER PMSA[3]	358	500	312	2,098	2,640	1,874
FITCHBURG-LEOMINSTER MSA	99	250	73	1,009	1,224	892
LAWRENCE-HAVERHILL PMSA[4]	288	351	240	2,989	3,217	3,614
LOWELL PMSA[4]	206	197	148	2,614	2,550	2,057
NEW BEDFORD MSA	339	340	245	2,144	2,615	1,771
PITTSFIELD MSA	93	101	105	1,045	1,045	858
SPRINFIELD MSA	254	522	198	2,533	2,953	2,251
SALEM-GLOUCESTER PMSA	428	519	322	4,127	4,534	3,712
WORCESTER MSA	303	405	264	3,452	3,628	3,068
OTHER LABOR AREAS						
AMHERST LMA	11	12	17	149	146	124
ATHOL LMA	26	43	17	272	337	217
BARNSTABLE COUNTY LMA	126	158	102	1,522	1,520	1,094
BALANCE OF WESTERN MA EA	8	11	12	111	126	127
DUKES COUNTY LMA	1	1	2	14	28	23
GARDNER LMA	35	110	32	308	537	312
GREAT BARRINGTON LMA	4	7	24	101	103	106
GREENFIELD LMA	27	58	33	364	402	293
NANTUCKET LMA	3	2	0	11	6	5
NORTH ADAMS LMA	102	93	41	485	581	405
SOUTHBRIDGE LMA	25	38	21	237	269	224
TAUNTON LMA	92	160	48	565	705	516
WARE LMA	29	19	22	175	184	180

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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COMMONWEALTH OF MASSACHUSETTS

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DES DIVISION OF
EMPLOYMENT SECURITY

Employment Review

SEPTEMBER 1988

EMPLOYMENT LEVELS INCREASE SLIGHTLY

Nonagricultural employment levels experienced a slight increase during the month. Massachusetts added 4,600 wage and salary jobs following the annual summer downturn. Total employment for the Commonwealth for September 1988 was 3,129,300, 2.3 percent higher than in September 1987.

- Educational services, both public and private, displayed the largest increases as the seasonal reopening of schools and colleges got underway. Over the month increases were also seen in transportation,communication and public utilities (3,400 jobs).
- Declines were seen in construction (-2,400 jobs), trade (-3,500 jobs), and finance, insurance, and real estate (-3,000 jobs)
- Manufacturing was up by 300 jobs as a decline of 500 jobs in durable goods was more than offset by gains in the nondurable goods producing industries. The majority of this job growth was in textiles and rubber and plastics.

The Commonwealth's economic growth during the past year has resulted in the creation of 69,300 new jobs, an increase of 2.3 percent.

- Construction had the strongest growth rate at 10.1 percent. The second most rapidly growing division was services with a 4.9 percent growth rate. In addition, services led the way in the number of new jobs created, 41,600, -over half of the total number of new jobs created. Also displaying strong growth was finance, insurance, and real estate, up 4.4 percent from year ago levels.
- Moderate growth was observed in wholesale and retail trade (1.8 percent), government (0.9 percent) and transportation, communication, and public utilities (0.4 percent).
- Manufacturing was the only division to experience an employment decline over the year. An employment decline of 2.4 percent was due mainly to a drop in the durable goods producing industries. However with the fall in the value of the dollar's exchange rate, demand may increase for products from these industries where exports compose a large proportion of sales.

UNEMPLOYMENT RATE DROPS

Seasonally adjusted unemployment in the Commonwealth was 3.0 percent in September 1988, an improvement from August's rate of 3.3 percent. With a small decline taking place in the size of the labor force, due in part to students leaving summer

(continued on page 9)

COMMONWEALTH OF MASSACHUSETTS

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3129.3	3124.7	3060.0	4.6	0.1	69.3	2.3
Manufacturing	579.1	578.8	593.5	0.3	0.1	-14.4	-2.4
Durable Goods	383.7	384.2	393.7	-0.5	-0.1	-10.0	-2.5
Lumber & Furniture	13.5	13.6	13.7	-0.1	-0.7	-0.2	-1.5
Stone,Clay & Glass	11.0	10.9	10.7	0.1	0.9	0.3	2.8
Primary Metals	15.8	15.7	15.3	0.1	0.6	0.5	3.3
Fabricated Metals	40.1	39.8	41.1	0.3	0.8	-1.0	-2.4
Cutlery,Hand tools,Hardware	8.4	8.3	8.7	0.1	1.2	-0.3	-3.4
Machinery, except electrical	100.1	100.5	102.1	-0.4	-0.4	-2.0	-2.0
Metalworking machinery	12.7	12.6	12.8	0.1	0.8	-0.1	-0.8
Special industry machinery	10.7	10.7	11.2	0.0	****	-0.5	-4.5
* Office Computing, & Accounting Machines	57.0	57.4	56.4	-0.4	-0.7	0.6	1.1
Electrical & Electronic machinery,equip.,etc.	101.1	101.5	104.7	-0.4	-0.4	-3.6	-3.4
Communications equipment	39.2	39.6	40.5	-0.4	-1.0	-1.3	-3.2
Electronic components	41.8	41.9	42.3	-0.1	-0.2	-0.5	-1.2
Transportation equipment	31.3	31.4	33.4	-0.1	-0.3	-2.1	-6.3
Instruments	52.2	52.3	53.5	-0.1	-0.2	-1.3	-2.4
Measuring & Control devices	17.4	17.6	18.6	-0.2	-1.1	-1.2	-6.5
Miscellaneous Manufacturing Industries	18.6	18.5	19.2	0.1	0.5	-0.6	-3.1
Jewelry	6.9	6.9	7.4	0.0	****	-0.5	-6.8
Nondurable Goods	195.4	194.6	199.8	0.8	0.4	-4.4	-2.2
Food & kindred products	19.8	19.8	21.2	0.0	****	-1.4	-6.6
Textile mill products	16.0	15.7	16.9	0.3	1.9	-0.9	-5.3
Apparel	23.3	23.4	25.6	-0.1	-0.4	-2.3	-9.0
Mens & Boys suits,coats & furnishings	6.2	6.3	6.7	-0.1	-1.6	-0.5	-7.5
Paper & allied products	24.3	24.2	24.5	0.1	0.4	-0.2	-0.8
Printing & Publishing	56.7	56.6	55.0	0.1	0.2	1.7	3.1
Chemicals	17.2	17.1	17.3	0.1	0.6	-0.1	-0.6
Rubber & miscellaneous Plastic products	27.8	27.6	28.7	0.2	0.7	-0.9	-3.1
Miscellaneous Plastic products	21.3	21.2	22.0	0.1	0.5	-0.7	-3.2
Leather & Leather products	8.5	8.5	8.9	0.0	****	-0.4	-4.5
Footwear, except rubber	4.2	4.1	4.4	0.1	2.4	-0.2	-4.5
Mining	2.0	2.0	1.9	0.0	****	0.1	5.3
Construction	162.0	164.4	147.1	-2.4	-1.5	14.9	10.1
Transportation, Communication & Public Utilities	132.4	129.0	131.9	3.4	2.6	0.5	0.4
Wholesale & Retail trade	735.1	738.6	721.9	-3.5	-0.5	13.2	1.8
Wholesale Trade	175.3	175.6	170.4	-0.3	-0.2	4.9	2.9
Retail Trade	559.8	563.0	551.5	-3.2	-0.6	8.3	1.5
Finance, Insurance & Real Estate	230.2	233.2	220.4	-3.0	-1.3	9.8	4.4
Banking	64.7	65.8	64.7	-1.1	-1.7	0.0	****
Services	892.8	890.0	851.2	2.8	0.3	41.6	4.9
Health Services	252.2	251.6	243.4	0.6	0.2	8.8	3.6
Educational Services	110.1	99.3	109.1	10.8	10.9	1.0	0.9
Government	395.7	388.7	392.1	7.0	1.8	3.6	0.9
Federal	61.8	62.3	61.3	-0.5	-0.8	0.5	0.8
U.S. Postal Service	27.9	28.1	26.4	-0.2	-0.7	1.5	5.7
State	102.6	102.7	100.5	-0.1	-0.1	2.1	2.1
Educational services	26.7	25.4	27.2	1.3	5.1	-0.5	-1.8
Local	231.3	223.7	230.3	7.6	3.4	1.0	0.4
Educational services	127.2	113.5	125.8	13.7	12.1	1.4	1.1
Other Local	104.1	110.2	104.5	-6.1	-5.5	-0.4	-0.4
* High Technology Manufacturing	234.0	235.1	239.0	-1.1	-0.5	-5.0	-2.1
* High Technology Nonmanufacturing	90.2	90.9	86.4	-0.7	-0.8	3.8	4.4

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1743.6	1725.7	1715.7	17.9	1.0	27.9	1.6
Manufacturing	273.2	273.5	280.0	-0.3	-0.1	-6.8	-2.4
Durable Goods	193.4	193.8	199.2	-0.4	-0.2	-5.8	-2.9
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	15.5	15.3	16.0	0.2	1.3	-0.5	-3.1
Machinery, except electrical	46.3	46.7	48.1	-0.4	-0.9	-1.8	-3.7
Electrical & Electronic machinery,equip.,etc.	58.5	58.6	59.3	-0.1	-0.2	-0.8	-1.3
Transportation equipment	19.6	19.7	21.8	-0.1	-0.5	-2.2	-10.1
Instruments	39.0	39.0	39.4	0.0	****	-0.4	-1.0
Nondurable Goods	79.8	79.7	80.8	0.1	0.1	-1.0	-1.2
Food & kindred products	11.6	11.5	11.8	0.1	0.9	-0.2	-1.7
Textile mill products	2.4	2.4	2.5	0.0	****	-0.1	-4.0
Apparel	6.3	6.3	6.8	0.0	****	-0.5	-7.4
Paper & allied products	6.7	6.8	7.2	-0.1	-1.5	-0.5	-6.9
Printing & Publishing	33.8	33.7	32.9	0.1	0.3	0.9	2.7
Chemicals	8.1	8.2	8.0	-0.1	-1.2	0.1	1.3
Rubber & miscellaneous Plastic products	7.8	7.9	8.4	-0.1	-1.3	-0.6	-7.1
Leather & Leather products	2.3	2.2	2.4	0.1	4.5	-0.1	-4.2
Mining	1.1	1.1	0.9	0.0	****	0.2	22.2
Construction	78.6	79.1	73.1	-0.5	-0.6	5.5	7.5
Transportation, Communication & Public Utilities	76.3	75.0	75.4	1.3	1.7	0.9	1.2
Wholesale & Retail trade	385.8	384.5	381.3	1.3	0.3	4.5	1.2
Finance, Insurance & Real Estate	155.9	157.3	152.1	-1.4	-0.9	3.8	2.5
Banking	44.2	44.8	43.7	-0.6	-1.3	0.5	1.1
Insurance	36.3	36.7	36.5	-0.4	-1.1	-0.2	-0.5
Services	565.9	560.7	547.5	5.2	0.9	18.4	3.4
Health Services	141.6	141.6	138.7	0.0	****	2.9	2.1
Educational Services	79.0	71.5	79.6	7.5	10.5	-0.6	-0.8
Government	206.8	194.5	205.4	12.3	6.3	1.4	0.7
Federal	37.9	38.2	38.4	-0.3	-0.8	-0.5	-1.3
U.S. Postal Service	15.4	15.4	14.9	0.0	****	0.5	3.4
Federal Hospitals	4.9	4.9	5.1	0.0	****	-0.2	-3.9
State	50.9	52.6	48.9	-1.7	-3.2	2.0	4.1
State Hospitals	5.1	5.0	4.8	0.1	2.0	0.3	6.3
Educational services	8.7	8.6	8.4	0.1	1.2	0.3	3.6
Local	118.0	103.7	118.1	14.3	13.8	-0.1	-0.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.0	237.5	238.2	2.5	1.1	1.8	0.8
Manufacturing	50.6	50.5	50.8	0.1	0.2	-0.2	-0.4
Durable Goods	26.1	25.9	26.1	0.2	0.8	0.0	****
Fabricated Metals	7.1	7.2	7.0	-0.1	-1.4	0.1	1.4
Machinery, except electrical	6.6	6.4	6.4	0.2	3.1	0.2	3.1
Nondurable Goods	24.5	24.6	24.7	-0.1	-0.4	-0.2	-0.8
Textile mill products	1.5	1.5	1.5	0.0	****	0.0	****
Apparel	0.8	0.8	1.0	0.0	****	-0.2	-20.0
Paper & allied products	7.9	7.9	7.6	0.0	****	0.3	3.9
Printing & Publishing	6.1	6.2	6.2	-0.1	-1.6	-0.1	-1.6
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Construction	11.1	11.2	10.7	-0.1	-0.9	0.4	3.7
Transportation, Communication & Public Utilities	10.1	9.6	9.7	0.5	5.2	0.4	4.1
Wholesale & Retail trade	58.1	57.5	56.9	0.6	1.0	1.2	2.1
Finance, Insurance & Real Estate	16.7	16.8	16.4	-0.1	-0.6	0.3	1.8
Services	57.8	57.3	56.6	0.5	0.9	1.2	2.1
Government	35.5	34.5	36.9	1.0	2.9	-1.4	-3.8
Federal	6.2	6.3	6.1	-0.1	-1.6	0.1	1.6
State	8.5	8.2	8.3	0.3	3.7	0.2	2.4
Local	20.8	20.0	22.5	0.8	4.0	-1.7	-7.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	208.2	205.0	200.0	3.2	1.6	8.2	4.1
Manufacturing	46.0	45.8	46.1	0.2	0.4	-0.1	-0.2
Durable Goods	30.9	30.7	30.6	0.2	0.7	0.3	1.0
Primary Metals	2.2	2.1	2.1	0.1	4.8	0.1	4.8
Fabricated Metals	7.0	6.9	6.7	0.1	1.4	0.3	4.5
Machinery, except electrical	9.8	9.9	10.1	-0.1	-1.0	-0.3	-3.0
Nondurable Goods	15.1	15.1	15.5	0.0	****	-0.4	-2.6
Textile mill products	2.6	2.6	2.8	0.0	****	-0.2	-7.1
Leather & Leather products	0.5	0.5	0.7	0.0	****	-0.2	-28.6
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.1	11.3	9.9	-0.2	-1.8	1.2	12.1
Transportation, Communication & Public Utilities	8.6	8.4	8.9	0.2	2.4	-0.3	-3.4
Wholesale & Retail trade	48.4	47.8	47.5	0.6	1.3	0.9	1.9
Finance, Insurance & Real Estate	15.1	15.5	14.3	-0.4	-2.6	0.8	5.6
Services	53.5	52.3	48.8	1.2	2.3	4.7	9.6
Government	25.3	23.7	24.4	1.6	6.8	0.9	3.7

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.3	74.2	72.6	1.1	1.5	2.7	3.7
Manufacturing	11.4	11.5	11.3	-0.1	-0.9	0.1	0.9
Durable Goods	6.3	6.4	6.1	-0.1	-1.6	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.3	0.0	****	0.0	****
Nondurable Goods	5.1	5.1	5.2	0.0	****	-0.1	-1.9
Construction	4.6	4.6	4.1	0.0	****	0.5	12.2
Transportation, Communication & Public Utilities	5.3	4.9	5.2	0.4	8.2	0.1	1.9
Wholesale & Retail trade	23.5	23.3	21.9	0.2	0.9	1.6	7.3
Finance, Insurance & Real Estate	3.2	3.3	3.2	-0.1	-3.0	0.0	****
Services	15.8	15.7	15.3	0.1	0.6	0.5	3.3
Government	11.5	10.9	11.6	0.6	5.5	-0.1	-0.9
Federal	3.1	3.2	3.0	-0.1	-3.1	0.1	3.3
State	2.6	2.5	2.5	0.1	4.0	0.1	4.0
Local	5.8	5.2	6.1	0.6	11.5	-0.3	-4.9
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.6	162.7	162.7	1.9	1.2	1.9	1.2
Manufacturing	49.5	49.3	51.0	0.2	0.4	-1.5	-2.9
Durable Goods	35.8	35.8	37.2	0.0	****	-1.4	-3.8
Nondurable Goods	13.7	13.5	13.8	0.2	1.5	-0.1	-0.7
Leather & Leather products	1.8	1.9	1.8	-0.1	-5.3	0.0	****
Construction	8.9	9.1	8.6	-0.2	-2.2	0.3	3.5
Transportation, Communication & Public Utilities	6.7	6.2	7.0	0.5	8.1	-0.3	-4.3
Wholesale & Retail trade	38.2	38.2	36.4	0.0	****	1.8	4.9
Finance, Insurance & Real Estate	6.6	6.6	6.4	0.0	****	0.2	3.1
Services	34.6	35.1	33.2	-0.5	-1.4	1.4	4.2
Government	20.1	18.2	20.1	1.9	10.4	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	43.3	43.8	42.9	-0.5	-1.1	0.4	0.9
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.7	10.8	11.8	-0.1	-0.9	-1.1	-9.3
Machinery	6.1	6.1	7.1	0.0	****	-1.0	-14.1
All other manufacturing	4.6	4.7	4.7	-0.1	-2.1	-0.1	-2.1
Construction	3.0	3.1	2.6	-0.1	-3.2	0.4	15.4
Transportation, Communication & Public Utilities	1.1	1.1	1.1	0.0	****	0.0	****
Wholesale & Retail trade	10.2	10.3	9.7	-0.1	-1.0	0.5	5.2
Finance, Insurance & Real Estate	2.2	2.2	2.1	0.0	****	0.1	4.8
Services	11.0	11.4	10.5	-0.4	-3.5	0.5	4.8
Government	5.0	4.8	5.0	0.2	4.2	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.8	68.6	67.4	0.2	0.3	1.4	2.1
Manufacturing	18.5	18.6	19.4	-0.1	-0.5	-0.9	-4.6
Durable Goods	7.9	8.0	8.1	-0.1	-1.3	-0.2	-2.5
Primary & Fabricated Metals	2.3	2.3	2.7	0.0	****	-0.4	-14.8
Nondurable Goods	10.6	10.6	11.3	0.0	****	-0.7	-6.2
Apparel	5.5	5.5	5.8	0.0	****	-0.3	-5.2
Construction	3.8	3.8	3.4	0.0	****	0.4	11.8
Transportation, Communication & Public Utilities	3.0	3.0	2.9	0.0	****	0.1	3.4
Wholesale & Retail trade	17.2	17.2	16.5	0.0	****	0.7	4.2
Finance, Insurance & Real Estate	2.7	2.7	2.5	0.0	****	0.2	8.0
Services	13.7	13.8	13.0	-0.1	-0.7	0.7	5.4
Government	9.9	9.5	9.7	0.4	4.2	0.2	2.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.5	56.8	56.0	0.7	1.2	1.5	2.7
Manufacturing	16.1	16.2	17.1	-0.1	-0.6	-1.0	-5.8
Textile mill products	4.0	4.0	4.4	0.0	****	-0.4	-9.1
All other manufacturing	12.1	12.2	12.7	-0.1	-0.8	-0.6	-4.7
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	1.9	1.8	1.8	0.1	5.6	0.1	5.6
Wholesale & Retail trade	16.1	16.0	15.1	0.1	0.6	1.0	6.6
Finance, Insurance & Real Estate	3.2	3.2	2.9	0.0	****	0.3	10.3
Services	10.8	10.8	10.1	0.0	****	0.7	6.9
Government	6.4	5.8	6.4	0.6	10.3	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.4	39.1	40.0	1.3	3.3	0.4	1.0
Manufacturing	11.4	11.2	11.7	0.2	1.8	-0.3	-2.6
Durable Goods	4.7	4.6	4.6	0.1	2.2	0.1	2.2
Machinery, except electrical	3.0	2.9	2.9	0.1	3.4	0.1	3.4
Nondurable Goods	6.7	6.6	7.1	0.1	1.5	-0.4	-5.6
Rubber & miscellaneous Plastic products	3.4	3.3	3.8	0.1	3.0	-0.4	-10.5
Construction	3.0	3.1	2.7	-0.1	-3.2	0.3	11.1
Transportation, Communication & Public Utilities	1.6	1.5	1.6	0.1	6.7	0.0	****
Wholesale & Retail trade	10.2	9.9	10.1	0.3	3.0	0.1	1.0
Finance, Insurance & Real Estate	2.0	2.0	1.8	0.0	****	0.2	11.1
Services	8.2	8.1	8.0	0.1	1.2	0.2	2.5
Government	4.0	3.3	4.1	0.7	21.2	-0.1	-2.4
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	106.4	105.3	104.9	1.1	1.0	1.5	1.4
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	35.3	35.5	35.7	-0.2	-0.6	-0.4	-1.1
Construction	6.6	6.7	5.8	-0.1	-1.5	0.8	13.8
Transportation, Communication & Public Utilities	3.3	3.2	3.6	0.1	3.1	-0.3	-8.3
Wholesale & Retail trade	22.6	22.4	22.1	0.2	0.9	0.5	2.3
Finance, Insurance & Real Estate	4.3	4.3	4.3	0.0	****	0.0	****
Services	20.7	20.5	20.3	0.2	1.0	0.4	2.0
Government	13.5	12.6	12.9	0.9	7.1	0.6	4.7
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	116.3	114.6	112.1	1.7	1.5	4.2	3.7
Manufacturing	21.3	21.3	21.8	0.0	****	-0.5	-2.3
Durable Goods	14.6	14.7	15.0	-0.1	-0.7	-0.4	-2.7
Nondurable Goods	6.7	6.6	6.8	0.1	1.5	-0.1	-1.5
Construction	5.7	5.8	5.2	-0.1	-1.7	0.5	9.6
Transportation, Communication & Public Utilities	4.0	3.8	3.8	0.2	5.3	0.2	5.3
Wholesale & Retail trade	34.8	34.1	33.3	0.7	2.1	1.5	4.5
Finance, Insurance & Real Estate	6.4	6.5	5.5	-0.1	-1.5	0.9	16.4
Services	28.9	28.8	27.5	0.1	0.3	1.4	5.1
Government	15.1	14.0	14.9	1.1	7.9	0.2	1.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MANUFACTURING

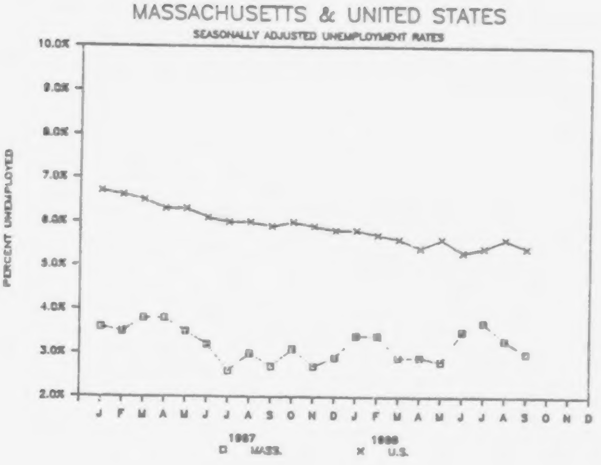
Area	Average Weekly Hours			Average Hourly Earnings		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
UNITED STATES	41.3	40.8	40.8	$10.25	$10.11	$9.99
MASSACHUSETTS	41.6	41.1	40.8	10.38	$10.21	9.97
BOSTON	41.6	41.4	40.4	11.09	10.94	10.84
BROCKTON	40.6	39.7	40.6	8.50	8.48	8.16
FALL RIVER	36.9	36.3	37.7	7.79	7.76	7.57
LAWRENCE-HAVERHILL	39.4	41.0	41.0	9.70	9.87	9.78
LOWELL	41.3	41.1	42.3	10.16	10.18	10.16
NEW BEDFORD	37.9	37.3	37.2	8.71	8.54	8.45
SPRINGFIELD	42.9	42.7	42.1	9.94	9.80	9.31
WORCESTER	40.6	40.1	40.5	10.49	10.39	10.05

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
MANUFACTURING	41.6	41.1	40.8	10.38	10.21	9.97
DURABLE GOODS	42.1	41.4	41.8	10.78	10.60	10.45
LUMBER & FURNITURE	39.9	39.8	39.9	8.26	8.00	7.60
STONE, CLAY & GLASS	41.5	41.3	39.9	12.83	12.59	12.32
PRIMARY METALS	42.3	40.7	41.9	9.96	9.83	9.58
FABRICATED METALS	41.9	41.0	40.1	10.72	10.56	10.31
CUTLERY, ETC.	45.4	44.3	42.0	11.28	11.16	11.18
MACHINERY, EX. ELEC.	43.2	42.4	41.9	11.07	10.84	10.81
METALWORKING MACH.	44.1	42.8	43.4	11.34	11.32	11.18
SPECIAL INDU. MACH.	43.6	43.2	42.2	12.07	11.91	11.90
ELEC. & ELECTRON. MACH.	41.0	40.6	42.4	10.25	10.25	9.77
COMMUNICATIONS EQUIP.	40.7	39.7	43.2	10.64	10.80	10.21
ELECTRONIC COMP.	41.4	41.8	43.5	10.23	10.14	9.93
TRANSPORTATION EQUIP.	42.0	41.6	43.8	13.04	12.78	13.19
INSTRUMENTS	43.0	41.8	41.8	11.29	10.86	11.17
MEAS. & CONTROL DEVICES	46.4	44.6	42.7	8.76	8.60	8.43
MISC. MANUFAC. IND.	42.8	42.6	42.2	9.19	9.17	8.91
JEWELRY	41.2	40.7	40.6	8.22	8.11	7.63
NONDURABLE GOODS	40.8	40.7	39.3	9.76	9.62	9.16
FOOD & KINDRED PROD.	40.0	40.3	40.4	10.31	10.23	9.86
TEXTILE MILL PROD.	41.8	42.3	41.4	8.91	8.75	8.24
APPAREL	40.6	39.8	38.9	6.86	6.69	6.46
MENS & BOYS SUITS	39.9	38.5	39.8	7.45	7.19	7.34
PAPER & ALLIED PRODUCTS	43.5	43.7	43.7	10.47	10.30	9.72
PRINTING & PUBLISHING	38.0	37.8	36.4	10.69	10.46	10.38
CHEMICALS	42.6	42.0	41.9	12.23	12.19	11.54
RUBBER & PLASTIC PROD.	43.2	43.0	39.1	9.65	9.63	8.81
MISC. PLAS. PROD.	42.0	41.8	38.6	9.55	9.58	8.37
LEATHER & LEATHER PROD.	37.0	37.0	35.3	7.66	7.67	7.38
FOOTWEAR, EX. RUBBER	37.2	37.8	34.6	6.85	6.79	6.49



(continued from page 1)

jobs to return to school, levels of both employed and unemployed dropped as well.

- In September Massachusetts once again regained the one ranking, with the lowest unemployment rate among the eleven major industrial states, after being in second place a month earlier. The national rate fell to a seasonally adjusted rate of 5.3 percent in September from 5.5 percent in August.

- The four major labor areas having the lowest unemployment rates were: the Worcester MSA at 2.6 percent, the Boston PMSA at 2.7 percent, the Salem-Gloucester PMSA at 2.8 percent, and the Springfield MSA at 3.0 percent. With the exception of Boston, all of these labor areas experienced declines in unemploymnet levels from August.

- For the major areas, the highest unemployment rates were registered by the Pittsfield MSA (4.7 percent), the Fall River PMSA (4.3 percent), and the Lawrence-Haverhill PMSA (4.2 percent).

- In the smaller areas, the island county of Nantucket had the lowest unemployment rate at 1.1 percent, followed by the Great Barrington LMA at 2.7 percent, and the Greenfield LMA at 2.8 percent. The higher levels of unemployment continued to occur in the northern areas of the state: the Athol LMA at 5.1 percent and the Gardner LMA at 4.5 percent.

QUARTERLY EMPLOYMENT DISPLAYS EXPANSION

The availability of data for September permits a review of the state's employment picture for the third quarter of 1988. The following table presents a comparison of statewide employment averages for the major industry divisions for the third quarters of 1987 and 1988.

AVERAGE QUARTERLY EMPLOYMENT
MASSACHUSETTS
THIRD QUARTER 1988 AND 1987

	1987	1988	Net Chg.	% Chg.
Total	3,054.9	3,124.4	69.5	2.3
Man.	590.6	577.2	-13.4	-2.3
Cons.	147.7	162.9	15.2	10.3
T.P.U.	129.6	130.1	0.5	0.4
Trade	722.9	737.0	14.1	2.0
F.I.R.E.	222.2	232.2	10.0	4.5
Services	850.3	889.9	39.6	4.7
Gov't	389.6	393.1	3.5	0.9

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	September 1988	August 1988	September 1987
United States	5.4	5.6	5.9
Massachusetts	3.0	3.3	2.7
Labor Force	3,144.0	3,119.0	3,074.0
Employed	3,051.0	3,015.0	2,992.0
Unemployed	93.0	104.0	82.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
UNITED STATES			
LABOR FORCE	121,842,000	123,396,000	119,884,000
EMPLOYMENT	115,474,000	116,737,000	113,027,000
UNEMPLOYMENT	6,368,000	6,659,000	6,857,000
PERCENT UNEMPLOYED	5.2	5.4	5.7
MASSACHUSETTS			
LABOR FORCE	3,130,000	3,186,500	3,065,100
EMPLOYMENT	3,035,900	3,087,800	2,980,600
UNEMPLOYMENT	94,100	98,700	84,500
PERCENT UNEMPLOYED	3.0	3.1	2.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,537,140	1,565,300	1,516,670
EMPLOYMENT	1,496,080	1,522,460	1,478,660
UNEMPLOYMENT	41,060	42,840	38,010
PERCENT UNEMPLOYED	2.7	2.7	2.5
BROCKTON PMSA			
LABOR FORCE	99,930	100,740	95,980
EMPLOYMENT	96,480	97,000	92,980
UNEMPLOYMENT	3,450	3,740	3,000
PERCENT UNEMPLOYED	3.5	3.7	3.1
FALL RIVER PMSA			
LABOR FORCE	76,670	76,630	75,210
EMPLOYMENT	73,410	73,110	72,180
UNEMPLOYMENT	3,270	3,520	3,030
PERCENT UNEMPLOYED	4.3	4.6	4.0
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	44,650	44,810	44,980
EMPLOYMENT	42,870	42,840	43,270
UNEMPLOYMENT	1,780	1,980	1,720
PERCENT UNEMPLOYED	4.0	4.4	3.8
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,080	184,920	182,660
EMPLOYMENT	176,290	177,560	175,280
UNEMPLOYMENT	7,790	7,360	7,380
PERCENT UNEMPLOYED	4.2	4.0	4.0
LOWELL PMSA			
LABOR FORCE	149,000	150,880	147,010
EMPLOYMENT	143,810	145,480	142,580
UNEMPLOYMENT	5,190	5,400	4,440
PERCENT UNEMPLOYED	3.5	3.6	3.0
NEW BEDFORD MSA			
LABOR FORCE	86,150	88,790	83,240
EMPLOYMENT	82,700	84,990	80,100
UNEMPLOYMENT	3,450	3,810	3,140
PERCENT UNEMPLOYED	4.0	4.3	3.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT UNITED STATES, MASSACHUSETTS AND THE LABOR AREA NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
PITTSFIELD MSA			
LABOR FORCE	41,320	42,560	40,520
EMPLOYMENT	39,380	40,730	39,100
UNEMPLOYMENT	1,940	1,830	1,410
PERCENT UNEMPLOYED	4.7	4.3	3.5
SALEM-GLOUCESTER PMSA			
LABOR FORCE	153,820	157,220	150,360
EMPLOYMENT	149,460	152,540	146,310
UNEMPLOYMENT	4,360	4,690	4,050
PERCENT UNEMPLOYED	2.8	3.0	2.7
SPRINGFIELD MSA			
LABOR FORCE	251,120	255,440	248,060
EMPLOYMENT	243,540	247,400	241,330
UNEMPLOYMENT	7,580	8,040	6,740
PERCENT UNEMPLOYED	3.0	3.1	2.7
WORCESTER MSA			
LABOR FORCE	220,170	221,770	212,230
EMPLOYMENT	214,350	215,240	206,890
UNEMPLOYMENT	5,810	6,530	5,340
PERCENT UNEMPLOYED	2.6	2.9	2.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	31,800	30,990	30,130
EMPLOYMENT	30,930	30,210	29,370
UNEMPLOYMENT	860	780	760
PERCENT UNEMPLOYED	2.7	2.5	2.5
ATHOL LMA			
LABOR FORCE	10,250	10,070	10,110
EMPLOYMENT	9,730	9,530	9,700
UNEMPLOYMENT	520	540	410
PERCENT UNEMPLOYED	5.1	5.4	4.1
ATTLEBORO LMA			
LABOR FORCE	49,380	50,420	47,380
EMPLOYMENT	47,330	48,190	45,550
UNEMPLOYMENT	2,050	2,240	1,830
PERCENT UNEMPLOYED	4.1	4.4	3.9
BARNSTABLE LMA			
LABOR FORCE	112,280	121,900	105,370
EMPLOYMENT	108,950	118,490	102,930
UNEMPLOYMENT	3,320	3,410	2,430
PERCENT UNEMPLOYED	3.0	2.8	2.3
DUKES COUNTY LMA			
LABOR FORCE	8,870	11,030	7,520
EMPLOYMENT	8,530	10,930	7,430
UNEMPLOYMENT	340	100	90
PERCENT UNEMPLOYED	3.8	0.9	1.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
GARDNER LMA			
LABOR FORCE	15,070	14,650	14,830
EMPLOYMENT	14,400	14,000	14,290
UNEMPLOYMENT	670	650	540
PERCENT UNEMPLOYED	4.5	4.5	3.6
GREAT BARRINGTON LMA			
LABOR FORCE	9,200	9,830	9,330
EMPLOYMENT	8,990	9,630	9,090
UNEMPLOYMENT	210	200	240
PERCENT UNEMPLOYED	2.2	2.0	2.6
GREENFIELD LMA			
LABOR FORCE	27,520	26,370	26,310
EMPLOYMENT	26,750	25,680	25,770
UNEMPLOYMENT	770	690	530
PERCENT UNEMPLOYED	2.8	2.6	2.0
NANTUCKET LMA			
LABOR FORCE	6,840	8,360	6,140
EMPLOYMENT	6,770	8,300	6,110
UNEMPLOYMENT	70	60	30
PERCENT UNEMPLOYED	1.1	0.7	0.4
NORTH ADaMS LMA			
LABOR FORCE	20,680	19,770	19,540
EMPLOYMENT	19,950	18,870	18,920
UNEMPLOYMENT	730	890	620
PERCENT UNEMPLOYED	3.5	4.5	3.2
SOUTHBRIDGE LMA			
LABOR FORCE	13,320	12,980	13,790
EMPLOYMENT	12,860	12,480	13,350
UNEMPLOYMENT	460	500	450
PERCENT UNEMPLOYED	3.5	3.8	3.2
TAUNTON LMA			
LABOR FORCE	27,320	26,760	25,560
EMPLOYMENT	26,360	25,740	24,720
UNEMPLOYMENT	960	1,020	840
PERCENT UNEMPLOYED	3.5	3.8	3.3
WARE LMA			
LABOR FORCE	8,230	8,060	8,290
EMPLOYMENT	7,950	7,740	8,050
UNEMPLOYMENT	280	330	240
PERCENT UNEMPLOYED	3.5	4.1	2.9
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,960	10,330	9,170
EMPLOYMENT	9,690	10,050	8,920
UNEMPLOYMENT	260	290	250
PERCENT UNEMPLOYED	2.6	2.8	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,741	7,486	255	3.3
ACTON	10,032	9,863	169	1.7
ACUSHNET	5,184	5,019	165	3.2
ADAMS	5,374	5,176	198	3.7
AGAWAM	14,325	13,967	358	2.5
ALFORD	233	229	4	1.7
AMESBURY	7,262	6,991	271	3.7
AMHERST	20,094	19,606	488	2.4
ANDOVER	13,741	13,453	288	2.1
ARLINGTON	26,229	25,666	563	2.1
ASHBURNHAM	2,286	2,212	74	3.2
ASHBY	1,196	1,168	28	2.3
ASHFIELD	933	909	24	2.6
ASHLAND	7,006	6,869	137	2.0
ATHOL	4,446	4,231	215	4.8
ATTLEBORO	18,608	17,759	849	4.6
AUBURN	8,592	8,431	161	1.9
AVON	2,919	2,825	94	3.2
AYER	3,548	3,391	157	4.4
BARNSTABLE	23,282	22,231	1,051	4.5
BARRE	2,300	2,252	48	2.1
BECKET	830	799	31	3.7
BEDFORD	6,803	6,650	153	2.2
BELCHERTOWN	4,757	4,648	109	2.3
BELLINGHAM	7,458	7,239	219	2.9
BELMONT	13,966	13,737	229	1.6
BERKLEY	1,806	1,732	74	4.1
BERLIN	1,273	1,239	34	2.7
BERNARDSTON	1,050	1,023	27	2.6
BEVERLY	22,575	22,051	524	2.3
BILLERICA	22,429	21,767	662	3.0
BLACKSTONE	3,424	3,246	178	5.2
BLANDFORD	633	624	9	1.4
BOLTON	1,638	1,607	31	1.9
BOSTON	297,923	288,168	9,755	3.3
BOURNE	8,475	8,216	259	3.1
BOXBOROUGH	2,055	2,009	46	2.2
BOXFORD	3,010	2,955	55	1.8
BOYLSTON	2,139	2,100	39	1.8
BRAINTREE	19,100	18,567	533	2.8
BREWSTER	3,880	3,795	85	2.2
BRIDGEWATER	9,551	9,319	232	2.4
BRIMFIELD	1,221	1,188	33	2.7
BROCKTON	49,346	47,268	2,078	4.2
BROOKFIELD	1,489	1,459	30	2.0
BROOKLINE	32,049	31,425	624	1.9
BUCKLAND	1,048	1,028	20	1.9
BURLINGTON	13,616	13,291	325	2.4
CAMBRIDGE	53,851	52,543	1,308	2.4
CANTON	10,180	9,977	203	2.0
CARLISLE	2,215	2,187	28	1.3
CARVER	4,566	4,425	141	3.1
CHARLEMONT	676	660	16	2.4
CHARLTON	4,183	4,084	99	2.4
CHATHAM	3,597	3,549	48	1.3
CHELMSFORD	19,234	18,717	517	2.7
CHELSEA	11,537	10,987	550	4.8
CHESHIRE	1,710	1,651	59	3.5
CHESTER	603	579	24	4.0
CHESTERFIELD	670	657	13	1.9
CHICOPEE	28,838	27,929	909	3.2
CHILMARK	534	503	31	5.8
CLARKSBURG	1,021	1,003	18	1.8
CLINTON	6,809	6,573	236	3.5
COHASSET	3,837	3,735	102	2.7
COLRAIN	920	892	28	3.0
CONCORD	9,124	8,988	136	1.5
CONWAY	867	844	23	2.7
CUMMINGTON	446	434	12	2.7
DALTON	3,348	3,227	121	3.6
DANVERS	14,695	14,406	289	2.0
DARTMOUTH	13,853	13,438	415	3.0
DEDHAM	13,358	13,130	228	1.7
DEERFIELD	2,997	2,926	71	2.4
DENNIS	7,766	7,568	198	2.5
DIGHTON	2,736	2,661	75	2.7
DOUGLAS	2,371	2,305	66	2.8
DOVER	2,430	2,397	33	1.4
DRACUT	14,897	14,359	538	3.6
DUDLEY	5,024	4,901	123	2.4
DUNSTABLE	1,207	1,193	14	1.2
DUXBURY	6,706	6,570	136	2.0
EAST BRIDGEWATER	5,465	5,303	162	3.0
EAST BROOKFIELD	960	939	21	2.2
EAST LONGMEADOW	6,319	6,197	122	1.9
EASTHAM	2,647	2,578	69	2.6
EASTHAMPTON	8,705	8,503	202	2.3
EASTON	11,054	10,809	245	2.2
EDGARTOWN	2,439	2,382	57	2.3
EGREMONT	820	808	12	1.5
ERVING	569	554	15	2.6
ESSEX	1,744	1,699	45	2.6
EVERETT	18,676	17,970	706	3.8
FAIRHAVEN	8,000	7,739	261	3.3
FALL RIVER	42,892	40,703	2,189	5.1
FALMOUTH	15,737	15,321	416	2.6
FITCHBURG	17,739	16,931	808	4.6
FLORIDA	388	365	23	5.9
FOXBOROUGH	8,003	7,876	127	1.6
FRAMINGHAM	38,930	38,054	876	2.3
FRANKLIN	10,012	9,752	260	2.6
FREETOWN	4,265	4,135	130	3.0
GARDNER	8,357	7,996	361	4.3
GAY HEAD	159	144	15	9.4
GEORGETOWN	3,058	2,976	82	2.7
GILL	790	776	14	1.8
GLOUCESTER	16,034	15,010	1,024	6.4
GOSHEN	458	457	1	0.2
GOSNOLD	42	42	0	0.0
GRAFTON	6,901	6,770	131	1.9
GRANBY	2,830	2,738	92	3.3
GRANVILLE	769	745	24	3.1
GREAT BARRINGTON	3,976	3,875	101	2.5
GREENFIELD	10,054	9,743	311	3.1
GROTON	3,845	3,782	63	1.6
GROVELAND	2,669	2,605	64	2.4
HADLEY	3,082	2,980	102	3.3
HALIFAX	2,971	2,895	76	2.6
HAMILTON	4,208	4,145	63	1.5
HAMPDEN	2,230	2,191	39	1.7
HANCOCK	346	343	3	0.9
HANOVER	6,024	5,901	123	2.0
HANSON	4,362	4,241	121	2.8
HARDWICK	888	873	15	1.7
HARVARD	3,415	3,369	46	1.3
HARWICH	5,338	5,219	119	2.2
HATFIELD	2,203	2,143	60	2.7
HAVERHILL	23,334	22,326	1,008	4.3
HAWLEY	201	195	6	3.0
HEATH	314	309	5	1.6
HINGHAM	10,070	9;856	214	2.1
HINSDALE	855	817	38	4.4
HOLBROOK	6,088	5,933	155	2.5
HOLDEN	7,681	7,569	112	1.5
HOLLAND	782	766	16	2.0
HOLLISTON	7,427	7,265	162	2.2
HOLYOKE	17,827	17,074	753	4.2
HOPEDALE	2,048	1,984	64	3.1
HOPKINTON	4,892	4,810	82	1.7
HUBBARDSTON	892	853	39	4.4
HUDSON	10,437	10,174	263	2.5
HULL	4,672	4,470	202	4.3
HUNTINGTON	908	879	29	3.2
IPSWICH	6,919	6,773	146	2.1
KINGSTON	4,195	4,099	96	2.3
LAKEVILLE	3,563	3,516	47	1.3
LANCASTER	3,160	3,103	57	1.8
LANESBOROUGH	1,641	1,578	63	3.8
LAWRENCE	28,897	27,013	1,884	6.5
LEE	3,015	2,897	118	3.9
LEICESTER	5,249	5,145	104	2.0
LENOX	3,383	3,303	80	2.4
LEOMINSTER	16,493	15,879	614	3.7
LEVERETT	1,147	1,124	23	2.0
LEXINGTON	16,641	16,352	289	1.7
LEYDEN	379	370	9	2.4
LINCOLN	3,474	3,433	41	1.2
LITTLETON	4,081	4,010	71	1.7
LONGMEADOW	7,728	7,600	128	1.7
LOWELL	52,216	49,962	2,254	4.3
LUDLOW	10,234	9,996	238	2.3
LUNENBURG	4,299	4,135	164	3.8
LYNN	39,783	38,109	1,674	4.2
LYNNFIELD	6,085	5,969	116	1.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	28,743	27,729	1,014	3.5
MANCHESTER	2,936	2,889	47	1.6
MANSFIELD	8,175	8,077	98	1.2
MARBLEHEAD	11,792	11,579	213	1.8
MARION	2,047	1,981	66	3.2
MARLBOROUGH	18,707	18,183	524	2.8
MARSHFIELD	11,734	11,376	358	3.1
MASHPEE	3,926	3,838	88	2.2
MATTAPOISETT	3,205	3,126	79	2.5
MAYNARD	5,672	5,549	123	2.2
MEDFIELD	5,536	5,444	92	1.7
MEDFORD	30,651	29,811	840	2.7
MEDWAY	5,096	4,969	127	2.5
MELROSE	15,705	15,344	361	2.3
MENDON	1,882	1,830	52	2.8
MERRIMAC	2,419	2,335	84	3.5
METHUEN	21,155	20,448	707	3.3
MIDDLEBOROUGH	8,074	7,837	237	2.9
MIDDLEFIELD	203	202	1	0.5
MIDDLETON	2,982	2,920	62	2.1
MILFORD	13,269	12,780	489	3.7
MILLBURY	6,381	6,228	153	2.4
MILLIS	3,952	3,871	81	2.0
MILLVILLE	981	919	62	6.3
MILTON	12,958	12,707	251	1.9
MONROE	65	62	3	4.6
MONSON	3,571	3,490	81	2.3
MONTAGUE	4,553	4,413	140	3.1
MONTEREY	604	594	10	1.7
MONTGOMERY	304	303	1	0.3
MOUNT WASHINGTON	76	75	1	1.3
NAHANT	2,184	2,134	50	2.3
NANTUCKET	6,839	6,766	73	1.1
NATICK	17,962	17,601	361	2.0
NEEDHAM	15,137	14,895	242	1.6
NEW ASHFORD	103	103	0	0.0
NEW BEDFORD	47,606	45,304	2,302	4.8
NEW BRAINTREE	304	298	6	2.0
NEW MARLBOROUGH	754	744	10	1.3
NEW SALEM	478	377	101	21.1
NEWBURY	2,618	2,561	57	2.2
NEWBURYPORT	8,764	8,446	318	3.6
NEWTON	47,620	46,844	776	1.6
NORFOLK	3,611	3,538	73	2.0
NORTH ADAMS	8,719	8,304	415	4.8
NORTH ANDOVER	11,269	10,946	323	2.9
NORTH ATTLEBOROUGH	12,308	11,865	443	3.6
NORTH BROOKFIELD	2,191	2,140	51	2.3
NORTH READING	6,822	6,696	126	1.8
NORTHAMPTON	14,256	13,932	324	2.3
NORTHBOROUGH	6,454	6,336	118	1.8
NORTHBRIDGE	6,675	6,499	176	2.6
NORTHFIELD	1,424	1,392	32	2.2
NORTON	7,481	7,307	174	2.3
NORWELL	4,839	4,728	111	2.3
NORWOOD	16,697	16,244	453	2.7
OAK BLUFFS	1,645	1,562	83	5.0
OAKHAM	513	505	8	1.6
ORANGE	2,799	2,670	129	4.6
ORLEANS	3,385	3,334	51	1.5
OTIS	508	488	20	3.9
OXFORD	6,526	6,332	194	3.0
PALMER	6,202	6,028	174	2.8
PAXTON	2,219	2,190	29	1.3
PEABODY	28,062	27,258	804	2.9
PELHAM	962	933	29	3.0
PEMBROKE	7,334	7,166	168	2.3
PEPPERELL	5,236	5,130	106	2.0
PERU	438	426	12	2.7
PETERSHAM	439	431	8	1.8
PHILLIPSTON	470	455	15	3.2
PITTSFIELD	25,188	23,776	1,412	5.6
PLAINFIELD	239	223	16	6.7
PLAINVILLE	3,321	3,067	254	7.6
PLYMOUTH	19,131	18,263	868	4.5
PLYMPTON	1,118	1,092	26	2.3
PRINCETON	1,714	1,677	37	2.2
PROVINCETOWN	2,437	2,334	103	4.2
QUINCY	46,351	44,902	1,449	3.1
RANDOLPH	16,339	15,849	490	3.0
RAYNHAM	5,111	4,986	125	2.4
READING	13,013	12,722	291	2.2
REHOBOTH	4,237	4,108	129	3.0
REVERE	22,719	21,886	833	3.7
RICHMOND	867	849	18	2.1
ROCHESTER	1,988	1,954	34	1.7
ROCKLAND	7,773	7,561	212	2.7
ROCKPORT	3,321	3,226	95	2.9
ROWE	190	184	6	3.2
ROWLEY	2,743	2,659	84	3.1
ROYALSTON	436	427	9	2.1
RUSSELL	784	756	28	3.6
RUTLAND	2,464	2,417	47	1.9
SALEM	22,602	21,926	676	3.0
SALISBURY	3,480	3,321	159	4.6
SANDISFIELD	396	389	7	1.8
SANDWICH	7,862	7,710	152	1.9
SAUGUS	14,540	14,080	460	3.2
SAVOY	374	362	12	3.2
SCITUATE	8,994	8,793	201	2.2
SEEKONK	6,498	6,365	133	2.0
SHARON	8,191	8,044	147	1.8
SHEFFIELD	1,569	1,541	28	1.8
SHELBURNE	1,061	1,022	39	3.7
SHERBORN	2,164	2,137	27	1.2
SHIRLEY	2,775	2,707	68	2.5
SHREWSBURY	13,101	12,838	263	2.0
SHUTESBURY	912	897	15	1.6
SOMERSET	9,894	9,586	308	3.1
SOMERVILLE	40,198	39,002	1,196	3.0
SOUTH HADLEY	8,700	8,501	199	2.3
SOUTHAMPTON	2,360	2,313	47	2.0
SOUTHBOROUGH	3,621	3,545	76	2.1
SOUTHBRIDGE	7,350	7,053	297	4.0
SOUTHWICK	4,074	3,984	90	2.2
SPENCER	6,021	5,903	118	2.0
SPRINGFIELD	66,999	64,383	2,616	3.9
STERLING	3,687	3,601	86	2.3
STOCKBRIDGE	1,312	1,286	26	2.0
STONEHAM	12,736	12,451	285	2.2
STOUGHTON	14,934	14,545	389	2.6
STOW	3,129	3,079	50	1.6
STURBRIDGE	3,378	3,276	102	3.0
SUDBURY	7,549	7,438	111	1.5
SUNDERLAND	2,423	2,302	121	5.0
SUTTON	3,401	3,336	65	1.9
SWAMPSCOTT	7,872	7,700	172	2.2
SWANSEA	8,236	7,999	237	2.9
TAUNTON	22,780	21,970	810	3.6
TEMPLETON	2,581	2,459	122	4.7
TEWKSBURY	14,901	14,467	434	2.9
TISBURY	2,956	2,811	145	4.9
TOLLAND	148	148	0	0.0
TOPSFIELD	3,149	3,061	88	2.8
TOWNSEND	4,447	4,366	81	1.8
TRURO	707	698	9	1.3
TYNGSBOROUGH	4,718	4,588	130	2.8
TYRINGHAM	256	252	4	1.6
UPTON	2,306	2,269	37	1.6
UXBRIDGE	4,783	4,645	138	2.9
WAKEFIELD	14,228	13,880	348	2.4
WALES	592	574	18	3.0
WALPOLE	10,882	10,439	443	4.1
WALTHAM	33,493	32,748	745	2.2
WARE	3,725	3,586	139	3.7
WAREHAM	11,093	10,692	401	3.6
WARREN	1,465	1,389	76	5.2
WARWICK	225	219	6	2.7
WASHINGTON	332	320	12	3.6
WATERTOWN	20,023	19,617	406	2.0
WAYLAND	6,973	6,865	108	1.5
WEBSTER	7,872	7,520	352	4.5
WELLESLEY	13,977	13,788	189	1.4
WELLFLEET	1,312	1,282	30	2.3
WENDELL	387	363	24	6.2
WENHAM	2,182	2,154	28	1.3
WEST BOYLSTON	3,383	3,334	49	1.4
WEST BRIDGEWATER	3,510	3,419	91	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,335	1,294	41	3.1
WEST NEWBURY	1,583	1,564	19	1.2
WEST SPRINGFIELD	14,548	14,134	414	2.8
WEST STOCKBRIDGE	768	735	33	4.3
WEST TISBURY	1,094	1,088	6	0.5
WESTBOROUGH	8,007	7,858	149	1.9
WESTFIELD	18,310	17,789	521	2.8
WESTFORD	8,847	8,633	214	2.4
WESTHAMPTON	828	823	5	0.6
WESTMINSTER	2,640	2,548	92	3.5
WESTON	5,722	5,642	80	1.4
WESTPORT	7,041	6,801	240	3.4
WESTWOOD	6,921	6,811	110	1.6
WEYMOUTH	30,459	29,600	859	2.8
WHATELY	972	949	23	2.4
WHITMAN	7,376	7,160	216	2.9
WILBRAHAM	6,316	6,207	109	1.7
WILLIAMSBURG	1,580	1,525	55	3.5
WILLIAMSTOWN	4,358	4,295	63	1.4
WILMINGTON	9,423	9,140	283	3.0
WINCHENDON	3,241	3,093	148	4.6
WINCHESTER	10,893	10,700	193	1.8
WINDSOR	362	354	8	2.2
WINTHROP	10,747	10,434	313	2.9
WOBURN	22,155	21,564	591	2.7
WORCESTER	81,597	78,975	2,622	3.2
WORTHINGTON	651	638	13	2.0
WRENTHAM	3,878	3,787	91	2.3
YARMOUTH	10,833	10,588	245	2.3

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
MASSACHUSETTS	4,075	4,686	3,807	42,260	49,249	39,286
MAJOR LABOR AREAS						
BOSTON PMSA	1,577	1,697	1,734	19,071	23,244	17,695
BROCKTON PMSA	126	146	120	1,432	1,904	1,296
FALL RIVER PMSA[3]	283	358	276	1,708	2,098	1,561
FITCHBURG-LEOMINSTER MSA	58	99	100	797	1,009	772
LAWRENCE-HAVERHILL PMSA[4]	355	288	233	2,529	2,989	3,029
LOWELL PMSA[4]	184	206	148	2,016	2,614	1,686
NEW BEDFORD MSA	208	339	302	1,713	2,144	1,469
PITTSFIELD MSA	77	93	101	1,019	1,045	754
SPRINFIELD MSA	222	254	256	2,034	2,533	1,838
SALEM-GLOUCESTER PMSA	380	428	366	3,296	4,127	2,933
WORCESTER MSA	211	303	246	2,548	3,452	2,285
OTHER LABOR AREAS						
AMHERST LMA	15	11	17	121	149	83
ATHOL LMA	25	26	25	221	272	188
BARNSTABLE COUNTY LMA	157	126	107	1,259	1,522	973
BALANCE OF WESTERN MA EA	8	8	11	69	111	84
DUKES COUNTY LMA	5	1	1	21	14	24
GARDNER LMA	37	35	25	283	308	241
GREAT BARRINGTON LMA	2	4	20	66	101	74
GREENFIELD LMA	44	27	28	289	364	196
NANTUCKET LMA	4	3	1	13	11	3
NORTH ADAMS LMA	51	102	32	338	485	301
SOUTHBRIDGE LMA	20	25	22	171	237	179
TAUNTON LMA	82	92	58	416	565	378
WARE LMA	16	29	12	118	175	127

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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EMPLOYMENT SECURITY

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COMMONWEALTH OF MASSACHUSETTS

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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

OCTOBER 1988

EMPLOYMENT LEVELS DISPLAY MONTHLY GAINS

The number of nonagricultural wage and salary jobs across the Commonwealth continued to expand from the summer's seasonal decline with a gain of 22,700 jobs in October. Nonagricultural employment (which does not include farm workers, self employed, domestics, or unpaid family workers) reached 3,152,000 this month.

- Seasonal factors caused major surges in educational services, with the public sector adding 10,800 jobs and the private sector up by 15,600 from September 1988. As a result of this, the government division and the services division grew over the month by 2.5 percent and 1.6 percent respectively.

- The manufacturing division's nondurable goods producing industries added 600 jobs, but this was not enough to overcome losses in the durable goods industries, resulting in a slight decline over the month.

- Construction, and transportation, communication, and public utilities remained fairly stable over the month however, declines of 700 jobs were seen in both trade, and finance, insurance, and real estate.

Employment continued to expand over the year as nonfarm employment rose by 71,800 from October 1987, an increase of 2.3 percent.

- The service division had the major gain in the number of new jobs, up 44,200 since October 1987. Other divisions showing growth over the year include: construction (14,900 new jobs); trade (11,700 new jobs); finance, insurance, and real estate (10,500 new jobs); government (5,500 new jobs); and transportation, communication, and public utilities (1,200 new jobs).

- Manufacturing displayed an over the year decline with durable goods down by 12,500 jobs and nondurables decreasing 3,800.

- The state's high technology industries were split with the manufacturing industries declining by 6,200 jobs or 2.6 percent and the nonmanufacturing industries gaining 3,700 or 4.3 percent.

UNEMPLOYMENT UP SLIGHTLY

The Commonwealth recorded a seasonally adjusted unemployment rate of 3.3 percent in October 1988, up slightly from September's rate of 3.0

(continued on page 9)

COMMONWEALTH OF MASSACHUSETTS

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3152.0	3129.3	3080.2	22.7	0.7	71.8	2.3
Manufacturing	579.0	579.1	595.3	-0.1	****	-16.3	-2.7
Durable Goods	383.0	383.7	395.5	-0.7	-0.2	-12.5	-3.2
Lumber & Furniture	13.4	13.5	13.8	-0.1	-0.7	-0.4	-2.9
Stone,Clay & Glass	11.0	11.0	10.9	0.0	****	0.1	0.9
Primary Metals	15.9	15.8	15.4	0.1	0.6	0.5	3.2
Fabricated Metals	40.2	40.1	41.1	0.1	0.2	-0.9	-2.2
Cutlery,Hand tools,Hardware	8.5	8.4	8.7	0.1	1.2	-0.2	-2.3
Machinery, except electrical	99.9	100.1	102.1	-0.2	-0.2	-2.2	-2.2
Metalworking machinery	12.9	12.7	12.9	0.2	1.6	0.0	****
Special Industry machinery	10.6	10.7	11.1	-0.1	-0.9	-0.5	-4.5
* Office Computing, & Accounting Machines	57.0	57.0	56.8	0.0	****	0.2	0.4
Electrical & Electronic machinery,equip.,etc.	100.4	101.1	104.2	-0.7	-0.7	-3.8	-3.6
Communications equipment	38.7	39.2	40.4	-0.5	-1.3	-1.7	-4.2
Electronic components	41.9	41.8	42.5	0.1	0.2	-0.6	-1.4
Transportation equipment	31.2	31.3	34.7	-0.1	-0.3	-3.5	-10.1
Instruments	52.1	52.2	53.8	-0.1	-0.2	-1.7	-3.2
Measuring & Control devices	17.5	17.4	18.8	0.1	0.6	-1.3	-6.9
Miscellaneous Manufacturing Industries	18.9	18.6	19.5	0.3	1.6	-0.6	-3.1
Jewelry	7.0	6.9	7.6	0.1	1.4	-0.6	-7.9
Nondurable Goods	196.0	195.4	199.8	0.6	0.3	-3.8	-1.9
Food & kindred products	20.0	19.8	21.4	0.2	1.0	-1.4	-6.5
Textile mill products	15.6	16.0	16.9	-0.4	-2.5	-1.3	-7.7
Apparel	23.2	23.3	25.3	-0.1	-0.4	-2.1	-8.3
Mens & Boys suits,coats & furnishings	6.3	6.2	6.6	0.1	1.6	-0.3	-4.5
Paper & allied products	24.6	24.3	24.2	0.3	1.2	0.4	1.7
Printing & Publishing	57.2	56.7	55.4	0.5	0.9	1.8	3.2
Chemicals	17.2	17.2	17.0	0.0	****	0.2	1.2
Rubber & miscellaneous Plastic products	28.0	27.8	28.9	0.2	0.7	-0.9	-3.1
Miscellaneous Plastic products	21.5	21.3	22.2	0.2	0.9	-0.7	-3.2
Leather & Leather products	8.5	8.5	9.0	0.0	****	-0.5	-5.6
Footwear, except rubber	4.1	4.2	4.4	-0.1	-2.4	-0.3	-6.8
Mining	2.0	2.0	1.9	0.0	****	0.1	5.3
Construction	161.9	162.0	147.0	-0.1	-0.1	14.9	10.1
Transportation, Communication & Public Utilities	132.6	132.4	131.4	0.2	0.2	1.2	0.9
Wholesale & Retail trade	734.4	735.1	722.7	-0.7	-0.1	11.7	1.6
Wholesale Trade	174.9	175.3	170.0	-0.4	-0.2	4.9	2.9
Retail Trade	559.5	559.8	552.7	-0.3	-0.1	6.8	1.2
Finance, Insurance & Real Estate	229.5	230.2	219.0	-0.7	-0.3	10.5	4.8
Banking	64.6	64.7	64.1	-0.1	-0.2	0.5	0.8
Services	906.9	892.8	862.7	14.1	1.6	44.2	5.1
Health Services	252.5	252.2	243.6	0.3	0.1	8.9	3.7
Educational Services	125.7	110.1	122.7	15.6	14.2	3.0	2.4
Government	405.7	395.7	400.2	10.0	2.5	5.5	1.4
Federal	62.2	61.8	61.4	0.4	0.6	0.8	1.3
U.S. Postal Service	28.1	27.9	26.6	0.2	0.7	1.5	5.6
State	102.5	102.6	100.6	-0.1	-0.1	1.9	1.9
Educational services	27.1	26.7	27.8	0.4	1.5	-0.7	-2.5
Local	241.0	231.3	238.2	9.7	4.2	2.8	1.2
Educational services	137.6	127.2	134.6	10.4	8.2	3.0	2.2
Other Local	103.4	104.1	103.6	-0.7	-0.7	-0.2	-0.2
* High Technology Manufacturing	233.0	234.0	239.2	-1.0	-0.4	-6.2	-2.6
* High Technology Nonmanufacturing	89.8	90.2	86.1	-0.4	-0.4	3.7	4.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1764.9	1743.6	1734.2	21.3	1.2	30.7	1.8
Manufacturing	273.0	273.2	281.6	-0.2	-0.1	-8.6	-3.1
Durable Goods	193.3	193.4	200.9	-0.1	-0.1	-7.6	-3.8
Primary Metals	3.2	3.2	3.3	0.0	****	-0.1	-3.0
Fabricated Metals	15.6	15.5	16.1	0.1	0.6	-0.5	-3.1
Machinery, except electrical	46.3	46.3	48.2	0.0	****	-1.9	-3.9
Electrical & Electronic machinery,equip.,etc.	58.1	58.5	59.3	-0.4	-0.7	-1.2	-2.0
Transportation equipment	19.5	19.6	22.8	-0.1	-0.5	-3.3	-14.5
Instruments	39.2	39.0	39.6	0.2	0.5	-0.4	-1.0
Nondurable Goods	79.7	79.8	80.7	-0.1	-0.1	-1.0	-1.2
Food & kindred products	11.7	11.6	11.7	0.1	0.9	0.0	****
Textile mill products	2.3	2.4	2.5	-0.1	-4.2	-0.2	-8.0
Apparel	6.3	6.3	6.6	0.0	****	-0.3	-4.5
Paper & allied products	6.7	6.7	7.0	0.0	****	-0.3	-4.3
Printing & Publishing	34.0	33.8	33.1	0.2	0.6	0.9	2.7
Chemicals	7.9	8.1	8.1	-0.2	-2.5	-0.2	-2.5
Rubber & miscellaneous Plastic products	7.8	7.8	8.5	0.0	****	-0.7	-8.2
Leather & Leather products	2.3	2.3	2.4	0.0	****	-0.1	-4.2
Mining	1.2	1.1	0.9	0.1	9.1	0.3	33.3
Construction	78.1	78.6	73.3	-0.5	-0.6	4.8	6.5
Transportation, Communication & Public Utilities	76.2	76.3	75.6	-0.1	-0.1	0.6	0.8
Wholesale & Retail trade	388.5	385.8	385.2	2.7	0.7	3.3	0.9
Finance, Insurance & Real Estate	155.7	155.9	151.5	-0.2	-0.1	4.2	2.8
Banking	44.1	44.2	43.1	-0.1	-0.2	1.0	2.3
Insurance	36.0	36.3	36.2	-0.3	-0.8	-0.2	-0.6
Services	580.3	565.9	561.3	14.4	2.5	19.0	3.4
Health Services	142.4	141.6	138.8	0.8	0.6	3.6	2.6
Educational Services	90.9	79.0	92.0	11.9	15.1	-1.1	-1.2
Government	211.9	206.8	204.8	5.1	2.5	7.1	3.5
Federal	38.0	37.9	38.3	0.1	0.3	-0.3	-0.8
U.S. Postal Service	15.5	15.4	14.9	0.1	0.6	0.6	4.0
Federal Hospitals	4.9	4.9	5.0	0.0	****	-0.1	-2.0
State	51.2	50.9	48.6	0.3	0.6	2.6	5.3
State Hospitals	5.1	5.1	4.9	0.0	****	0.2	4.1
Educational services	9.0	8.7	8.6	0.3	3.4	0.4	4.7
Local	122.7	118.0	117.9	4.7	4.0	4.8	4.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	243.3	240.0	240.4	3.3	1.4	2.9	1.2
Manufacturing	51.4	50.6	51.3	0.8	1.6	0.1	0.2
Durable Goods	26.4	26.1	26.3	0.3	1.1	0.1	0.4
Fabricated Metals	7.2	7.1	7.0	0.1	1.4	0.2	2.9
Machinery, except electrical	6.6	6.6	6.5	0.0	****	0.1	1.5
Nondurable Goods	25.0	24.5	25.0	0.5	2.0	0.0	****
Textile mill products	1.5	1.5	1.5	0.0	****	0.0	****
Apparel	0.8	0.8	1.0	0.0	****	-0.2	-20.0
Paper & allied products	8.2	7.9	7.7	0.3	3.8	0.5	6.5
Printing & Publishing	6.2	6.1	6.3	0.1	1.6	-0.1	-1.6
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.2	11.1	10.5	0.1	0.9	0.7	6.7
Transportation, Communication & Public Utilities	10.1	10.1	9.6	0.0	****	0.5	5.2
Wholesale & Retail trade	58.2	58.1	57.0	0.1	0.2	1.2	2.1
Finance, Insurance & Real Estate	16.4	16.7	16.3	-0.3	-1.8	0.1	0.6
Services	59.0	57.8	57.5	1.2	2.1	1.5	2.6
Government	36.9	35.5	38.1	1.4	3.9	-1.2	-3.1
Federal	6.2	6.2	6.1	0.0	****	0.1	1.6
State	8.8	8.5	8.6	0.3	3.5	0.2	2.3
Local	21.9	20.8	23.4	1.1	5.3	-1.5	-6.4
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	210.6	208.2	202.7	2.4	1.2	7.9	3.9
Manufacturing	46.1	46.0	46.6	0.1	0.2	-0.5	-1.1
Durable Goods	30.9	30.9	31.0	0.0	****	-0.1	-0.3
Primary Metals	2.2	2.2	2.1	0.0	****	0.1	4.8
Fabricated Metals	7.1	7.0	6.8	0.1	1.4	0.3	4.4
Machinery, except electrical	9.9	9.8	10.2	0.1	1.0	-0.3	-2.9
Nondurable Goods	15.2	15.1	15.6	0.1	0.7	-0.4	-2.6
Textile mill products	2.3	2.6	2.8	-0.3	-11.5	-0.5	-17.9
Leather & Leather products	0.5	0.5	0.7	0.0	****	-0.2	-28.6
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.1	11.1	10.1	0.0	****	1.0	9.9
Transportation, Communication & Public Utilities	8.6	8.6	8.9	0.0	****	-0.3	-3.4
Wholesale & Retail trade	48.7	48.4	47.7	0.3	0.6	1.0	2.1
Finance, Insurance & Real Estate	14.9	15.1	14.2	-0.2	-1.3	0.7	4.9
Services	55.3	53.5	50.0	1.8	3.4	5.3	10.6
Government	25.7	25.3	25.1	0.4	1.6	0.6	2.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.4	75.3	73.2	0.1	0.1	2.2	3.0
Manufacturing	11.5	11.4	11.5	0.1	0.9	0.0	****
Durable Goods	6.3	6.3	6.3	0.0	****	0.0	****
Electrical & Electronic machinery,equip.,etc.	1.2	1.3	1.4	-0.1	-7.7	-0.2	-14.3
Nondurable Goods	5.2	5.1	5.2	0.1	2.0	0.0	****
Construction	4.5	4.6	4.0	-0.1	-2.2	0.5	12.5
Transportation, Communication & Public Utilities	5.3	5.3	5.2	0.0	****	0.1	1.9
Wholesale & Retail trade	23.3	23.5	22.1	-0.2	-0.9	1.2	5.4
Finance, Insurance & Real Estate	3.1	3.2	3.1	-0.1	-3.1	0.0	****
Services	15.7	15.8	15.3	-0.1	-0.6	0.4	2.6
Government	12.0	11.5	12.0	0.5	4.3	0.0	****
Federal	3.2	3.1	3.0	0.1	3.2	0.2	6.7
State	2.6	2.6	2.6	0.0	****	0.0	****
Local	6.2	5.8	6.4	0.4	6.9	-0.2	-3.1
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.7	164.6	163.1	0.1	0.1	1.6	1.0
Manufacturing	49.4	49.5	50.8	-0.1	-0.2	-1.4	-2.8
Durable Goods	35.8	35.8	37.1	0.0	****	-1.3	-3.5
Nondurable Goods	13.6	13.7	13.7	-0.1	-0.7	-0.1	-0.7
Leather & Leather products	1.8	1.8	1.8	0.0	****	0.0	****
Construction	8.6	8.9	8.4	-0.3	-3.4	0.2	2.4
Transportation, Communication & Public Utilities	6.7	6.7	7.0	0.0	****	-0.3	-4.3
Wholesale & Retail trade	38.3	38.2	36.6	0.1	0.3	1.7	4.6
Finance, Insurance & Real Estate	6.5	6.6	6.4	-0.1	-1.5	0.1	1.6
Services	34.4	34.6	33.2	-0.2	-0.6	1.2	3.6
Government	20.8	20.1	20.7	0.7	3.5	0.1	0.5

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
*** PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	44.1	43.3	42.7	0.8	1.8	1.4	3.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.7	10.7	11.5	0.0	****	-0.8	-7.0
Machinery	6.0	6.1	6.8	-0.1	-1.6	-0.8	-11.8
All other manufacturing	4.7	4.6	4.7	0.1	2.2	0.0	****
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	1.1	1.1	1.1	0.0	****	0.0	****
Wholesale & Retail trade	10.6	10.2	9.9	0.4	3.9	0.7	7.1
Finance, Insurance & Real Estate	2.1	2.2	2.1	-0.1	-4.5	0.0	****
Services	11.3	11.0	10.3	0.3	2.7	1.0	9.7
Government	5.2	5.0	5.1	0.2	4.0	0.1	2.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.2	68.8	67.4	0.4	0.6	1.8	2.7
Manufacturing	18.6	18.5	19.2	0.1	0.5	-0.6	-3.1
Durable Goods	7.9	7.9	8.1	0.0	****	-0.2	-2.5
Primary & Fabricated Metals	2.3	2.3	2.7	0.0	****	-0.4	-14.8
Nondurable Goods	10.7	10.6	11.1	0.1	0.9	-0.4	-3.6
Apparel	5.5	5.5	5.7	0.0	****	-0.2	-3.5
Construction	3.8	3.8	3.3	0.0	****	0.5	15.2
Transportation, Communication & Public Utilities	3.1	3.0	3.0	0.1	3.3	0.1	3.3
Wholesale & Retail trade	17.0	17.2	16.3	-0.2	-1.2	0.7	4.3
Finance, Insurance & Real Estate	2.7	2.7	2.5	0.0	****	0.2	8.0
Services	13.7	13.7	13.0	0.0	****	0.7	5.4
Government	10.3	9.9	10.1	0.4	4.0	0.2	2.0
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.5	57.5	56.1	0.0	****	1.4	2.5
Manufacturing	15.9	16.1	17.0	-0.2	-1.2	-1.1	-6.5
Textile mill products	4.0	4.0	4.4	0.0	****	-0.4	-9.1
All other manufacturing	11.9	12.1	12.6	-0.2	-1.7	-0.7	-5.6
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	2.0	1.9	1.8	0.1	5.3	0.2	11.1
Wholesale & Retail trade	15.9	16.1	14.9	-0.2	-1.2	1.0	6.7
Finance, Insurance & Real Estate	3.3	3.2	3.0	0.1	3.1	0.3	10.0
Services	10.8	10.8	10.2	0.0	****	0.6	5.9
Government	6.6	6.4	6.6	0.2	3.1	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.6	40.4	40.3	0.2	0.5	0.3	0.7
Manufacturing	11.5	11.4	11.6	0.1	0.9	-0.1	-0.9
Durable Goods	4.7	4.7	4.6	0.0	****	0.1	2.2
Machinery, except electrical	3.0	3.0	2.9	0.0	****	0.1	3.4
Nondurable Goods	6.8	6.7	7.0	0.1	1.5	-0.2	-2.9
Rubber & miscellaneous Plastic products	3.4	3.4	3.7	0.0	****	-0.3	-8.1
Construction	3.0	3.0	2.7	0.0	****	0.3	11.1
Transportation, Communication & Public Utilities	1.7	1.6	1.6	0.1	6.3	0.1	6.3
Wholesale & Retail trade	10.4	10.2	10.2	0.2	2.0	0.2	2.0
Finance, Insurance & Real Estate	1.9	2.0	1.8	-0.1	-5.0	0.1	5.6
Services	8.1	8.2	8.1	-0.1	-1.2	0.0	****
Government	4.0	4.0	4.3	0.0	****	-0.3	-7.0
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	107.7	106.4	106.5	1.3	1.2	1.2	1.1
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	35.3	35.3	36.1	0.0	****	-0.8	-2.2
Construction	6.6	6.6	5.8	0.0	****	0.8	13.8
Transportation, Communication & Public Utilities	3.4	3.3	3.7	0.1	3.0	-0.3	-8.1
Wholesale & Retail trade	22.9	22.6	22.4	0.3	1.3	0.5	2.2
Finance, Insurance & Real Estate	4.3	4.3	4.3	0.0	****	0.0	****
Services	20.9	20.7	20.6	0.2	1.0	0.3	1.5
Government	14.2	13.5	13.4	0.7	5.2	0.8	6.0
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	116.5	116.3	112.0	0.2	0.2	4.5	4.0
Manufacturing	21.3	21.3	21.8	0.0	****	-0.5	-2.3
Durable Goods	14.7	14.6	15.0	0.1	0.7	-0.3	-2.0
Nondurable Goods	6.6	6.7	6.8	-0.1	-1.5	-0.2	-2.9
Construction	5.8	5.7	5.3	0.1	1.8	0.5	9.4
Transportation, Communication & Public Utilities	3.8	4.0	3.6	-0.2	-5.0	0.2	5.6
Wholesale & Retail trade	34.5	34.8	33.0	-0.3	-0.9	1.5	4.5
Finance, Insurance & Real Estate	6.1	6.4	5.3	-0.3	-4.7	0.8	15.1
Services	29.0	28.9	27.3	0.1	0.3	1.7	6.2
Government	15.9	15.1	15.6	0.8	5.3	0.3	1.9

NOTE: By place of work, not comparable to labor force employment statistics

* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS

MANUFACTURING

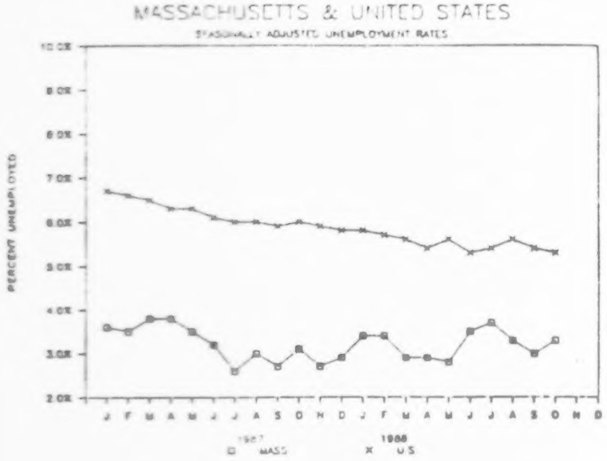
	Average Weekly Hours			Average Hourly Earnings		
Area	OCT 88	SEPT 88	OCT 87	OCT 88	SEPT 88	OCT 87
UNITED STATES	41.2	41.3	41.3	$10.25	$10.25	$9.95
MASSACHUSETTS	41.0	41.6	41.1	10.46	10.38	10.00
BOSTON	41.3	41.5	40.9	11.10	11.08	10.81
BROCKTON	39.9	40.4	40.7	8.65	8.54	8.18
FALL RIVER	37.0	37.1	37.4	7.95	7.82	7.52
LAWRENCE-HAVERHILL	40.2	40.5	41.3	10.21	10.17	9.84
LOWELL	41.5	41.6	42.5	10.22	10.14	10.26
NEW BEDFORD	37.9	38.2	37.3	8.85	8.71	8.47
SPRINGFIELD	42.7	42.9	41.9	9.88	9.84	9.39
WORCESTER	40.8	40.9	40.7	10.64	10.61	10.10

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

	Average Weekly Hours			Average Hourly Earnings		
Industry	OCT 88	SEPT 88	OCT 87	OCT 88	SEPT 88	OCT 87
MANUFACTURING	41.0	41.6	41.1	$10.46	$10.38	$10.00
DURABLE GOODS	41.5	42.1	42.1	10.83	10.78	10.51
LUMBER & FURNITURE	39.6	40.2	41.0	8.20	8.26	7.69
STONE, CLAY & GLASS	41.8	41.6	40.2	12.90	12.84	12.28
PRIMARY METALS	40.9	42.3	42.0	10.02	9.96	9.54
FABRICATED METALS	41.5	42.1	41.2	10.75	10.79	10.24
CUTLERY, ETC.	45.1	46.1	45.6	11.76	11.38	11.29
MACHINERY, EX. ELEC.	41.8	42.9	41.9	11.08	10.99	10.84
METALWORKING MACH.	43.0	44.0	43.0	11.43	11.34	11.06
SPECIAL INDU. MACH.	42.8	44.1	43.0	11.97	11.95	11.92
ELEC. & ELECTRON. MACH.	40.4	41.1	42.1	10.36	10.30	9.88
COMMUNICATIONS EQUIP.	39.5	41.1	42.5	10.56	10.76	10.20
ELECTRONIC COMP.	41.6	41.5	43.3	10.37	10.23	10.00
TRANSPORTATION EQUIP.	42.3	42.0	41.9	13.16	13.05	13.13
INSTRUMENTS	43.0	43.1	44.7	11.29	11.27	11.32
MEAS. & CONTROL DEVICES	44.7	45.5	43.6	8.68	8.75	8.39
MISC. MANUFAC. IND.	42.3	42.8	42.4	9.38	9.21	8.97
JEWELRY	42.4	41.3	41.6	8.42	8.23	7.74
NONDURABLE GOODS	40.2	41.0	39.4	9.88	9.76	9.14
FOOD & KINDRED PROD.	40.2	40.0	39.5	10.42	10.31	9.34
TEXTILE MILL PROD.	43.9	42.9	42.4	8.90	8.92	8.21
APPAREL	38.0	40.5	37.6	7.17	6.86	6.52
MENS & BOYS SUITS	37.5	39.7	38.7	7.68	7.46	7.39
PAPER & ALLIED PRODUCTS	42.3	44.0	44.5	10.53	10.44	9.73
PRINTING & PUBLISHING	37.7	37.9	36.7	10.76	10.69	10.28
CHEMICALS	42.0	42.5	43.0	12.49	12.24	11.34
RUBBER & PLASTIC PROD.	42.4	43.3	39.6	9.66	9.66	8.89
MISC. PLAS. PROD.	42.0	41.8	38.6	9.56	9.57	8.38
LEATHER & LEATHER PROD.	35.8	37.1	35.9	7.73	7.64	7.50
FOOTWEAR, EX. RUBBER	35.8	37.3	35.3	6.79	6.82	6.62



(continued from page 1)

percent. The national unemployment rate registered a small decrease to 5.3 percent from 5.4 percent one month ago.

- Among the state's major labor areas, the Worcester MSA led again with the lowest seasonally unadjusted unemployment rate of 2.4 percent, followed by the Boston PMSA with 2.5 percent, the Salem-Gloucester MSA with 2.6 percent, and the Springfield MSA with 2.8 percent. In all four areas the October rate registered a decline from the previous month.

- In the smaller areas, low unemployment rates were seen in the Nantucket LMA (0.9 percent), the Great Barrington LMA (1.9 percent), the Amherst LMA (2.3 percent), and the Greenfield LMA (2.4 percent).

- Massachusetts, with a seasonally adjusted rate of 3.3 percent, ranked first with the lowest unemployment rate among the eleven large states, followed by New Jersey with 3.9 percent, and North Carolina with 4.0 percent. Michigan and Texas had the highest rates with 7.2 percent and 7.4 percent respectively.

THE WORCESTER MSA

The Worcester Metropolitan Statistical Area, covering 29 cities and towns located in central Massachusetts, is the third largest labor market area in the Commonwealth in terms of employment (210,600 jobs). In October 1988 it recorded the lowest unemployment rate among the state's major labor market areas. In October 1986 an analysis of the Worcester MSA appeared in this publication. Since that time some changes have occured in the labor market's economy.

- Between October 1986 and October 1988 the Worcester MSA's share of the Commonwealth's total nonagricultural employment has risen from nearly 6.5 percent to 6.7 percent. In manufacturing, Worcester's jobs now account for 8.0 percent of the statewide total, up from about 7.0 percent two years ago.

- A comparison of the Worcester MSA's total job growth with that of the state during the October 1986 - October 1988 period, shows the Worcester growth rate to be 7.4 percent well above the state's rate of 4.2 percent.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	October 1988	September 1988	October 1987
United States	5.3	5.4	6.0
Massachusetts	3.3	3.0	3.1
Labor Force	3,157.0	3,144.0	3,111.0
Employed	3,054.0	3,051.0	3,014.0
Unemployed	103.0	93.0	97.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
UNITED STATES			
LABOR FORCE	122,432,000	121,842,000	120,743,000
EMPLOYMENT	116,250,000	115,474,000	113,898,000
UNEMPLOYMENT	6,182,000	6,368,000	6,845,000
PERCENT UNEMPLOYED	5.0	5.2	5.7
MASSACHUSETTS			
LABOR FORCE	3,148,600	3,130,000	3,109,300
EMPLOYMENT	3,059,600	3,035,900	3,025,400
UNEMPLOYMENT	89,000	94,100	83,900
PERCENT UNEMPLOYED	2.8	3.0	2.7
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,547,940	1,537,140	1,544,280
EMPLOYMENT	1,509,340	1,496,080	1,508,050
UNEMPLOYMENT	38,600	41,060	36,240
PERCENT UNEMPLOYED	2.5	2.7	2.3
BROCKTON PMSA			
LABOR FORCE	100,210	99,930	97,560
EMPLOYMENT	96,750	96,480	94,530
UNEMPLOYMENT	3,450	3,450	3,030
PERCENT UNEMPLOYED	3.4	3.5	3.1
FALL RIVER PMSA			
LABOR FORCE	76,550	76,670	76,340
EMPLOYMENT	73,330	73,410	73,110
UNEMPLOYMENT	3,230	3,270	3,230
PERCENT UNEMPLOYED	4.2	4.3	4.2
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	45,490	44,650	45,500
EMPLOYMENT	43,740	42,870	43,890
UNEMPLOYMENT	1,750	1,780	1,610
PERCENT UNEMPLOYED	3.8	4.0	3.5
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,020	184,080	184,950
EMPLOYMENT	176,860	176,290	177,410
UNEMPLOYMENT	7,160	7,790	7,550
PERCENT UNEMPLOYED	3.9	4.2	4.1
LOWELL PMSA			
LABOR FORCE	150,960	149,000	150,160
EMPLOYMENT	146,030	143,810	145,530
UNEMPLOYMENT	4,940	5,190	4,630
PERCENT UNEMPLOYED	3.3	3.5	3.1
NEW BEDFORD MSA			
LABOR FORCE	86,510	86,150	85,030
EMPLOYMENT	83,200	82,700	81,930
UNEMPLOYMENT	3,310	3,450	3,090
PERCENT UNEMPLOYED	3.8	4.0	3.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
PITTSFIELD MSA			
LABOR FORCE	41,950	41,320	40,790
EMPLOYMENT	40,230	39,380	39,410
UNEMPLOYMENT	1,720	1,940	1,380
PERCENT UNEMPLOYED	4.1	4.7	3.4
SALEM-GLOUCESTER PMSA			
LABOR FORCE	156,230	153,820	151,740
EMPLOYMENT	152,130	149,460	147,680
UNEMPLOYMENT	4,100	4,360	4,060
PERCENT UNEMPLOYED	2.6	2.8	2.7
SPRINGFIELD MSA			
LABOR FORCE	253,390	251,120	252,700
EMPLOYMENT	246,190	243,540	245,820
UNEMPLOYMENT	7,200	7,580	6,880
PERCENT UNEMPLOYED	2.8	3.0	2.7
WORCESTER MSA			
LABOR FORCE	225,140	220,170	217,180
EMPLOYMENT	219,680	214,350	211,900
UNEMPLOYMENT	5,460	5,810	5,280
PERCENT UNEMPLOYED	2.4	2.6	2.4
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,000	31,800	30,870
EMPLOYMENT	31,280	30,930	30,070
UNEMPLOYMENT	720	860	800
PERCENT UNEMPLOYED	2.3	2.7	2.6
ATHOL LMA			
LABOR FORCE	10,620	10,250	10,430
EMPLOYMENT	10,130	9,730	10,020
UNEMPLOYMENT	500	520	410
PERCENT UNEMPLOYED	4.7	5.1	3.9
ATTLEBORO LMA			
LABOR FORCE	49,740	49,380	48,180
EMPLOYMENT	47,960	47,330	46,540
UNEMPLOYMENT	1,780	2,050	1,640
PERCENT UNEMPLOYED	3.6	4.1	3.4
BARNSTABLE LMA			
LABOR FORCE	107,130	112,280	98,580
EMPLOYMENT	103,680	108,950	95,660
UNEMPLOYMENT	3,450	3,320	2,920
PERCENT UNEMPLOYED	3.2	3.0	3.0
DUKES COUNTY LMA			
LABOR FORCE	7,410	8,870	6,710
EMPLOYMENT	7,200	8,530	6,520
UNEMPLOYMENT	210	340	190
PERCENT UNEMPLOYED	2.9	3.8	2.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
GARDNER LMA			
LABOR FORCE	15,280	15,070	14,830
EMPLOYMENT	14,630	14,400	14,260
UNEMPLOYMENT	650	670	570
PERCENT UNEMPLOYED	4.3	4.5	3.8
GREAT BARRINGTON LMA			
LABOR FORCE	9,210	9,200	9,270
EMPLOYMENT	9,030	8,990	9,040
UNEMPLOYMENT	170	210	230
PERCENT UNEMPLOYED	1.9	2.2	2.5
GREENFIELD LMA			
LABOR FORCE	27,660	27,520	26,810
EMPLOYMENT	26,990	26,750	26,190
UNEMPLOYMENT	670	770	620
PERCENT UNEMPLOYED	2.4	2.8	2.3
NANTUCKET LMA			
LABOR FORCE	5,480	6,840	5,170
EMPLOYMENT	5,430	6,770	5,120
UNEMPLOYMENT	50	70	50
PERCENT UNEMPLOYED	0.9	1.1	1.0
NORTH ADAMS LMA			
LABOR FORCE	20,500	20,680	19,740
EMPLOYMENT	19,840	19,950	19,050
UNEMPLOYMENT	660	730	690
PERCENT UNEMPLOYED	3.2	3.5	3.5
SOUTHBRIDGE LMA			
LABOR FORCE	13,440	13,320	13,990
EMPLOYMENT	12,930	12,860	13,520
UNEMPLOYMENT	510	460	480
PERCENT UNEMPLOYED	3.8	3.5	3.4
TAUNTON LMA			
LABOR FORCE	28,250	27,320	26,920
EMPLOYMENT	27,150	26,360	26,120
UNEMPLOYMENT	1,100	960	810
PERCENT UNEMPLOYED	3.9	3.5	3.0
WARE LMA			
LABOR FORCE	8,490	8,230	8,340
EMPLOYMENT	8,180	7,950	8,080
UNEMPLOYMENT	310	280	260
PERCENT UNEMPLOYED	3.6	3.5	3.1
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,750	9,960	8,950
EMPLOYMENT	9,530	9,690	8,690
UNEMPLOYMENT	210	260	260
PERCENT UNEMPLOYED	2.2	2.6	2.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

OCTOBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,762	7,507	255	3.3
ACTON	10,106	9,951	155	1.5
ACUSHNET	5,251	5,050	201	3.8
ADAMS	5,338	5,147	191	3.6
AGAWAM	14,461	14,118	343	2.4
ALFORD	234	230	4	1.7
AMESBURY	7,262	7,016	246	3.4
AMHERST	20,211	19,822	389	1.9
ANDOVER	13,802	13,502	300	2.2
ARLINGTON	26,417	25,894	523	2.0
ASHBURNHAM	2,338	2,257	81	3.5
ASHBY	1,219	1,192	27	2.2
ASHFIELD	944	917	27	2.9
ASHLAND	7,069	6,929	140	2.0
ATHOL	4,607	4,404	203	4.4
ATTLEBORO	18,761	17,996	765	4.1
AUBURN	8,785	8,641	144	1.6
AVON	2,928	2,832	96	3.3
AYER	3,557	3,421	136	3.8
BARNSTABLE	22,192	21,155	1,037	4.7
BARRE	2,377	2,308	69	2.9
BECKET	812	785	27	3.3
BEDFORD	6,841	6,709	132	1.9
BELCHERTOWN	4,787	4,698	89	1.9
BELLINGHAM	7,534	7,303	231	3.1
BELMONT	14,084	13,859	225	1.6
BERKLEY	1,866	1,783	83	4.4
BERLIN	1,285	1,250	35	2.7
BERNARDSTON	1,045	1,032	13	1.2
BEVERLY	22,942	22,446	496	2.2
BILLERICA	22,695	22,103	592	2.6
BLACKSTONE	3,457	3,289	168	4.9
BLANDFORD	631	614	17	2.7
BOLTON	1,658	1,621	37	2.2
BOSTON	300,023	290,722	9,301	3.1
BOURNE	8,062	7,818	244	3.0
BOXBOROUGH	2,065	2,027	38	1.8
BOXFORD	3,003	2,966	37	1.2
BOYLSTON	2,183	2,152	31	1.4
BRAINTREE	19,226	18,731	495	2.6
BREWSTER	3,664	3,611	53	1.4
BRIDGEWATER	9,557	9,345	212	2.2
BRIMFIELD	1,230	1,195	35	2.8
BROCKTON	49,483	47,401	2,082	4.2
BROOKFIELD	1,533	1,495	38	2.5
BROOKLINE	32,298	31,703	595	1.8
BUCKLAND	1,045	1,037	8	0.8
BURLINGTON	13,721	13,409	312	2.3
CAMBRIDGE	54,176	53,009	1,167	2.2
CANTON	10,275	10,065	210	2.0
CARLISLE	2,236	2,207	29	1.3
CARVER	4,588	4,464	124	2.7
CHARLEMONT	682	666	16	2.3
CHARLTON	4,279	4,185	94	2.2
CHATHAM	3,438	3,377	61	1.8
CHELMSFORD	19,478	19,007	471	2.4
CHELSEA	11,574	11,084	490	4.2
CHESHIRE	1,742	1,687	55	3.2
CHESTER	591	570	21	3.6
CHESTERFIELD	660	646	14	2.1
CHICOPEE	29,096	28,232	864	3.0
CHILMARK	459	425	34	7.4
CLARKSBURG	1,020	997	23	2.3
CLINTON	6,926	6,736	190	2.7
COHASSET	3,889	3,768	121	3.1
COLRAIN	919	900	19	2.1
CONCORD	9,192	9,068	124	1.3
CONWAY	875	852	23	2.6
CUMMINGTON	438	427	11	2.5
DALTON	3,392	3,296	96	2.8
DANVERS	14,966	14,664	302	2.0
DARTMOUTH	13,966	13,519	447	3.2
DEDHAM	13,496	13,246	250	1.9
DEERFIELD	3,008	2,952	56	1.9
DENNIS	7,380	7,202	178	2.4
DIGHTON	2,846	2,741	105	3.7
DOUGLAS	2,427	2,363	64	2.6
DOVER	2,452	2,418	34	1.4
DRACUT	15,114	14,581	533	3.5
DUDLEY	5,153	5,023	130	2.5
DUNSTABLE	1,228	1,212	16	1.3
DUXBURY	6,762	6,629	133	2.0
EAST BRIDGEWATER	5,467	5,317	150	2.7
EAST BROOKFIELD	991	962	29	2.9
EAST LONGMEADOW	6,368	6,264	104	1.6
EASTHAM	2,534	2,453	81	3.2
EASTHAMPTON	8,794	8,595	199	2.3
EASTON	11,087	10,840	247	2.2
EDGARTOWN	2,093	2,011	82	3.9
EGREMONT	824	812	12	1.5
ERVING	590	577	13	2.2
ESSEX	1,767	1,729	38	2.2
EVERETT	18,756	18,129	627	3.3
FAIRHAVEN	8,050	7,786	264	3.3
FALL RIVER	42,817	40,672	2,145	5.0
FALMOUTH	14,995	14,580	415	2.8
FITCHBURG	18,075	17,271	804	4.4
FLORIDA	376	363	13	3.5
FOXBOROUGH	8,064	7,946	118	1.5
FRAMINGHAM	39,223	38,391	832	2.1
FRANKLIN	10,098	9,838	260	2.6
FREETOWN	4,265	4,160	105	2.5
GARDNER	8,472	8,121	351	4.1
GAY HEAD	127	122	5	3.9
GEORGETOWN	3,059	2,987	72	2.4
GILL	789	783	6	0.8
GLOUCESTER	16,223	15,278	945	5.8
GOSHEN	451	450	1	0.2
GOSNOLD	35	35	0	0.0
GRAFTON	7,062	6,939	123	1.7
GRANBY	2,843	2,767	76	2.7
GRANVILLE	744	733	11	1.5
GREAT BARRINGTON	3,973	3,894	79	2.0
GREENFIELD	10,084	9,830	254	2.5
GROTON	3,884	3,816	68	1.8
GROVELAND	2,680	2,615	65	2.4
HADLEY	3,099	3,013	86	2.8
HALIFAX	2,970	2,903	67	2.3
HAMILTON	4,277	4,219	58	1.4
HAMPDEN	2,255	2,215	40	1.8
HANCOCK	344	341	3	0.9
HANOVER	6,088	5,953	135	2.2
HANSON	4,386	4,278	108	2.5
HARDWICK	936	899	37	4.0
HARVARD	3,440	3,399	41	1.2
HARWICH	5,079	4,967	112	2.2
HATFIELD	2,202	2,167	35	1.6
HAVERHILL	23,291	22,406	885	3.8
HAWLEY	204	197	7	3.4
HEATH	312	311	1	0.3
HINGHAM	10,161	9,943	218	2.1
HINSDALE	879	834	45	5.1
HOLBROOK	6,139	5,986	153	2.5
HOLDEN	7,879	7,757	122	1.5
HOLLAND	787	770	17	2.2
HOLLISTON	7,488	7,330	158	2.1
HOLYOKE	17,952	17,259	693	3.9
HOPEDALE	2,079	2,002	77	3.7
HOPKINTON	4,944	4,852	92	1.9
HUBBARDSTON	904	866	38	4.2
HUDSON	10,501	10,264	237	2.3
HULL	4,707	4,510	197	4.2
HUNTINGTON	917	888	29	3.2
IPSWICH	7,036	6,894	142	2.0
KINGSTON	4,246	4,136	110	2.6
LAKEVILLE	3,596	3,547	49	1.4
LANCASTER	3,188	3,130	58	1.8
LANESBOROUGH	1,678	1,612	66	3.9
LAWRENCE	28,862	27,110	1,752	6.1
LEE	3,066	2,959	107	3.5
LEICESTER	5,378	5,273	105	2.0
LENOX	3,450	3,374	76	2.2
LEOMINSTER	16,803	16,198	605	3.6
LEVERETT	1,175	1,136	39	3.3
LEXINGTON	16,752	16,497	255	1.5
LEYDEN	380	373	7	1.8
LINCOLN	3,504	3,464	40	1.1
LITTLETON	4,114	4,045	69	1.7
LONGMEADOW	7,804	7,683	121	1.6
LOWELL	52,912	50,734	2,178	4.1
LUDLOW	10,349	10,105	244	2.4
LUNENBURG	4,369	4,218	151	3.5
LYNN	39,887	38,447	1,440	3.6
LYNNFIELD	6,128	6,022	106	1.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	28,869	~~[illegible]~~	~~875~~	3.0
MANCHESTER	2,986	2,941	45	1.5
MANSFIELD	8,239	8,149	90	1.1
MARBLEHEAD	22,003	21,786	217	1.0
MARION	2,054	1,993	61	3.0
MARLBOROUGH	18,774	18,345	429	2.3
MARSHFIELD	11,828	11,476	352	3.0
MASHPEE	3,745	3,653	92	2.5
MATTAPOISETT	3,222	3,145	77	2.4
MAYNARD	5,731	5,598	133	2.3
MEDFIELD	5,581	5,492	90	1.6
MEDFORD	30,896	30,075	821	2.7
MEDWAY	5,123	5,013	110	2.1
MELROSE	15,828	15,480	348	2.2
MENDON	1,893	1,847	46	2.4
MERRIMAC	2,417	2,343	74	3.1
METHUEN	21,122	20,521	601	2.8
MIDDLEBOROUGH	8,152	7,907	245	3.0
MIDDLEFIELD	200	199	1	0.5
MIDDLETON	3,041	2,972	69	2.3
MILFORD	13,338	12,893	445	3.3
MILLBURY	6,539	6,383	156	2.4
MILLIS	3,983	3,905	78	2.0
MILLVILLE	996	931	65	6.5
MILTON	13,063	12,819	244	1.9
MONROE	63	63	0	0.0
MONSON	3,601	3,518	83	2.3
MONTAGUE	4,622	4,456	166	3.6
MONTEREY	606	597	9	1.5
MONTGOMERY	309	306	3	1.0
MOUNT WASHINGTON	76	75	1	1.3
NAHANT	2,021	1,983	38	2.0
NANTUCKET	5,475	5,425	50	0.9
NATICK	18,100	17,757	343	1.9
NEEDHAM	15,246	15,027	219	1.4
NEW ASHFORD	102	102	0	0.0
NEW BEDFORD	47,706	45,580	2,126	4.5
NEW BRAINTREE	312	307	5	1.6
NEW MARLBOROUGH	757	748	9	1.2
NEW SALEM	474	393	81	17.1
NEWBURY	2,614	2,571	43	1.6
NEWBURYPORT	8,778	8,479	299	3.4
NEWTON	48,013	47,254	759	1.6
NORFOLK	3,633	3,569	64	1.8
NORTH ADAMS	8,627	8,257	370	4.3
NORTH ANDOVER	11,256	10,985	271	2.4
NORTH ATTLEBOROUGH	12,386	12,024	362	2.9
NORTH BROOKFIELD	2,243	2,193	50	2.2
NORTH READING	6,863	6,736	127	1.8
NORTHAMPTON	14,422	14,084	338	2.3
NORTHBOROUGH	6,601	6,493	108	1.6
NORTHBRIDGE	6,831	6,660	171	2.5
NORTHFIELD	1,423	1,405	18	1.3
NORTON	7,522	7,372	150	2.0
NORWELL	4,870	4,770	100	2.1
NORWOOD	16,852	16,388	464	2.8
OAK BLUFFS	1,371	1,318	53	3.9
OAKHAM	524	520	4	0.8
ORANGE	2,906	2,779	127	4.4
ORLEANS	3,234	3,173	61	1.9
OTIS	494	480	14	2.8
OXFORD	6,632	6,490	162	2.4
PALMER	6,262	6,094	168	2.7
PAXTON	2,272	2,245	27	1.2
PEABODY	28,464	27,745	719	2.5
PELHAM	975	943	32	3.3
PEMBROKE	7,400	7,229	171	2.3
PEPPERELL	5,293	5,209	84	1.6
PERU	422	418	4	0.9
PETERSHAM	461	449	12	2.6
PHILLIPSTON	491	474	17	3.5
PITTSFIELD	25,522	24,287	1,235	4.8
PLAINFIELD	230	219	11	4.8
PLAINVILLE	3,328	3,107	221	6.6
PLYMOUTH	19,035	18,425	610	3.2
PLYMPTON	1,122	1,102	20	1.8
PRINCETON	1,756	1,719	37	2.1
PROVINCETOWN	2,479	2,221	258	10.4
QUINCY	46,684	45,300	1,384	3.0

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
RANDOLPH	16,455	15,990	465	2.8
RAYNHAM	5,159	5,031	128	2.5
READING	13,120	12,835	285	2.2
REHOBOTH	4,264	4,163	101	2.4
REVERE	22,893	22,080	813	3.6
RICHMOND	885	867	18	2.0
ROCHESTER	1,993	1,965	28	1.4
ROCKLAND	7,820	7,628	192	2.5
ROCKPORT	3,405	3,284	121	3.6
ROWE	193	186	7	3.6
ROWLEY	2,781	2,707	74	2.7
ROYALSTON	455	445	10	2.2
RUSSELL	783	764	19	2.4
RUTLAND	2,519	2,477	42	1.7
SALEM	22,943	22,318	625	2.7
SALISBURY	3,490	3,333	157	4.5
SANDISFIELD	396	391	5	1.3
SANDWICH	7,484	7,337	147	2.0
SAUGUS	14,637	14,204	433	3.0
SAVOY	371	360	11	3.0
SCITUATE	9,075	8,871	204	2.2
SEEKONK	6,549	6,450	99	1.5
SHARON	8,259	8,115	144	1.7
SHEFFIELD	1,373	1,348	25	1.8
SHELBURNE	1,071	1,031	40	3.7
SHERBORN	2,182	2,156	26	1.2
SHIRLEY	2,796	2,731	65	2.3
SHREWSBURY	13,402	13,157	245	1.8
SHUTESBURY	921	907	14	1.5
SOMERSET	9,901	9,579	322	3.3
SOMERVILLE	40,391	39,348	1,043	2.6
SOUTH HADLEY	8,790	8,594	196	2.2
SOUTHAMPTON	2,393	2,338	55	2.3
SOUTHBOROUGH	3,642	3,576	66	1.8
SOUTHBRIDGE	7,456	7,092	364	4.9
SOUTHWICK	4,103	4,027	76	1.9
SPENCER	6,160	6,050	110	1.8
SPRINGFIELD	67,575	65,083	2,492	3.7
STERLING	3,759	3,691	68	1.8
STOCKBRIDGE	1,335	1,314	21	1.6
STONEHAM	12,847	12,562	285	2.2
STOUGHTON	15,049	14,674	375	2.5
STOW	3,153	3,106	47	1.5
STURBRIDGE	3,373	3,294	79	2.3
SUDBURY	7,613	7,503	110	1.4
SUNDERLAND	2,418	2,327	91	3.8
SUTTON	3,485	3,419	66	1.9
SWAMPSCOTT	7,998	7,837	161	2.0
SWANSEA	8,244	7,992	252	3.1
TAUNTON	23,534	22,624	910	3.9
TEMPLETON	2,593	2,497	96	3.7
TEWKSBURY	15,088	14,690	398	2.6
TISBURY	2,405	2,372	33	1.4
TOLLAND	149	145	4	2.7
TOPSFIELD	3,181	3,115	66	2.1
TOWNSEND	4,482	4,404	78	1.7
TRURO	694	665	29	4.2
TYNGSBOROUGH	4,787	4,659	128	2.7
TYRINGHAM	249	248	1	0.4
UPTON	2,327	2,289	38	1.6
UXBRIDGE	4,900	4,761	139	2.8
WAKEFIELD	14,318	14,003	315	2.2
WALES	591	577	14	2.4
WALPOLE	10,932	10,531	401	3.7
WALTHAM	33,739	33,038	701	2.1
WARE	3,832	3,693	139	3.6
WAREHAM	10,565	10,175	390	3.7
WARREN	1,506	1,430	76	5.0
WARWICK	232	228	4	1.7
WASHINGTON	324	314	10	3.1
WATERTOWN	20,204	19,791	413	2.0
WAYLAND	7,040	6,926	114	1.6
WEBSTER	8,032	7,707	325	4.0
WELLESLEY	14,081	13,910	171	1.2
WELLFLEET	1,262	1,220	42	3.3
WENDELL	407	378	29	7.1
WENHAM	2,214	2,192	22	1.0
WEST BOYLSTON	3,474	3,417	57	1.6
WEST BRIDGEWATER	3,514	3,429	85	2.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

OCTOBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WHITMAN	7,440	7,180	260	3.5
WILBRAHAM	6,371	6,275	96	1.5
WILLIAMSBURG	1,541	1,500	41	2.7
WILLIAMSTOWN	4,323	4,271	52	1.2
WILMINGTON	9,489	9,221	268	2.8
WINCHENDON	3,306	3,141	165	5.0
WINCHESTER	10,978	10,794	184	1.7
WINDSOR	355	348	7	2.0
WINTHROP	10,832	10,527	305	2.8
WOBURN	22,325	21,755	570	2.6
WORCESTER	83,362	80,938	2,424	2.9
WORTHINGTON	641	627	14	2.2
WRENTHAM	3,888	3,820	68	1.7
YARMOUTH	10,326	10,075	251	2.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,379	1,333	46	3.3
WEST NEWBURY	1,594	1,569	25	1.6
WEST SPRINGFIELD	14,683	14,288	395	2.7
WEST STOCKBRIDGE	767	739	28	3.7
WEST TISBURY	921	918	3	0.3
WESTBOROUGH	8,184	8,053	131	1.6
WESTFIELD	18,465	17,982	483	2.6
WESTFORD	8,990	8,767	223	2.5
WESTHAMPTON	814	809	5	0.6
WESTMINSTER	2,683	2,599	84	3.1
WESTON	5,763	5,692	71	1.2
WESTPORT	7,044	6,796	248	3.5
WESTWOOD	6,981	6,872	109	1.6
WEYMOUTH	30,709	29,862	847	2.8
WHATELY	993	960	33	3.3

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS OCT 88	INITIAL CLAIMS SEPT 88	INITIAL CLAIMS OCT 87	CONTINUED CLAIMS[2] OCT 88	CONTINUED CLAIMS[2] SEPT 88	CONTINUED CLAIMS[2] OCT 87
MASSACHUSETTS	4,546	4,075	4,069	40,613	42,260	34,436
MAJOR LABOR AREAS						
BOSTON PMSA	1,633	1,577	1,256	18,361	19,071	14,796
BROCKTON PMSA	184	126	101	1,482	1,432	1,119
FALL RIVER PMSA[3]	416	283	315	1,726	1,708	2,160
FITCHBURG-LEOMINSTER MSA	85	58	53	811	797	596
LAWRENCE-HAVERHILL PMSA[4]	280	355	218	2,551	2,529	2,864
LOWELL PMSA[4]	187	184	173	1,962	2,016	1,446
NEW BEDFORD MSA	261	208	210	1,680	1,713	1,324
PITTSFIELD MSA	56	77	50	966	1,019	684
SPRINFIELD MSA	257	222	233	1,856	2,034	1,664
SALEM-GLOUCESTER PMSA	392	380	317	3,277	3,296	2,706
WORCESTER MSA	235	211	232	3,441	2,548	1,988
OTHER LABOR AREAS						
AMHERST LMA	8	15	17	110	121	89
ATHOL LMA	24	25	21	231	221	167
BARNSTABLE COUNTY LMA	224	157	184	1,496	1,259	1,126
BALANCE OF WESTERN MA EA	4	8	9	61	69	85
DUKES COUNTY LMA	22	5	18	45	21	50
GARDNER LMA	31	37	34	293	283	223
GREAT BARRINGTON LMA	7	2	15	64	66	47
GREENFIELD LMA	30	44	37	320	289	200
NANTUCKET LMA	2	4	3	16	13	7
NORTH ADAMS LMA	51	51	52	318	338	298
SOUTHBRIDGE LMA	37	20	29	214	171	166
TAUNTON LMA	137	82	43	515	416	304
WARE LMA	29	16	11	130	118	128

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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COMMONWEALTH OF MASSACHUSETTS

Department of
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Employment Review

JANUARY 1989

SEASONAL IMPACT CAUSES JOB DECLINE

Nonagricultural employment in the commonwealth experienced a seasonal loss of 82,100 jobs in January 1989. This compares favorably with the January decline of 106,000 one year ago. Total employment for January 1989 stood at 3,100,200.

- The January seasonal decline was concentrated in three major industrial divisions: trade, services, and manufacturing; each of which normally experience seasonal declines at this time of year.

- Trade declined by 29,800 jobs over the month, a return to lower levels after the temporarily high holiday levels. In services, employment was down by 31,000 jobs, sixty percent of which were in the educational services segment as schools continued their vacation period.

- Manufacturing fell over the month by 1,100 jobs as increases of 200 in the nondurable goods producing industries were more than offset by losses of 1,300 which were scattered among all of the industries that produce durable goods. High technology manufacturing gained 300 jobs over the month.

- Also posting small losses were transportation, communication, and public utilities, down 2,000; government, down 7,000; and finance, insurance, and real estate, down 900 jobs.

It is on an annual basis that the the real strength of the Commonwealth's labor market can be seen. The total number of jobs has increased by 65,500 or 2.2 percent since January 1988. During that time, the manufacturing division is the only one that has failed to record an increase. This demonstrates that the state's economic growth has been well diversified.

- Major over the year increases have been registered by services, up 39,500; trade, up 9,800; construction, up 8,300; finance, insurance and real estate up 7,000; and transportation, communication, and public utilities up 2,800 jobs.

- Manufacturing employment dropped by 4,000 jobs over the year, a decline of only 0.5 percent.

UNEMPLOYMENT RATE DECLINES

Massachusetts posted a seasonally adjusted unemployment rate of 3.3 percent in January 1989, down from December's rate of 3.4 percent.

(continued on page 9)

Commonwealth of Massachusetts

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3100.2	3182.3	3034.7	-82.1	-2.6	65.5	2.2
Manufacturing	582.8	583.9	586.8	-1.1	-0.2	-4.0	-0.7
Durable Goods	384.7	386.0	389.1	-1.3	-0.3	-4.4	-1.1
Lumber & Furniture	12.0	12.3	13.0	-0.3	-2.4	-1.0	-7.7
Stone,Clay & Glass	10.9	11.4	10.5	-0.5	-4.4	0.4	3.8
Primary Metals	15.4	15.6	15.2	-0.2	-1.3	0.2	1.3
Fabricated Metals	40.8	40.9	40.9	-0.1	-0.2	-0.1	-0.2
Cutlery,Hand tools,Hardware	8.4	8.5	9.0	-0.1	-1.2	-0.6	-6.7
Machinery, except electrical	100.6	100.6	100.3	0.0	****	0.3	0.3
Metalworking machinery	13.5	13.3	13.2	0.2	1.5	0.3	2.3
Special industry machinery	11.0	11.1	11.3	-0.1	-0.9	-0.3	-2.7
* Office Computing, & Accounting Machines	54.6	54.8	54.0	-0.2	-0.4	0.6	1.1
Electrical & Electronic machinery,equip.,etc.	100.9	101.0	103.6	-0.1	-0.1	-2.7	-2.6
Communications equipment	36.7	36.9	38.9	-0.2	-0.5	-2.2	-5.7
Electronic components	40.2	40.1	40.4	0.1	0.2	-0.2	-0.5
Transportation equipment	31.6	31.8	32.0	-0.2	-0.6	-0.4	-1.3
Instruments	53.7	53.5	54.3	0.2	0.4	-0.6	-1.1
Measuring & Control devices	20.9	20.8	20.2	0.1	0.5	0.7	3.5
Miscellaneous Manufacturing Industries	18.8	18.9	19.3	-0.1	-0.5	-0.5	-2.6
Jewelry	7.2	7.3	7.5	-0.1	-1.4	-0.3	-4.0
Nondurable Goods	198.1	197.9	197.7	0.2	0.1	0.4	0.2
Food & kindred products	21.2	21.5	21.1	-0.3	-1.4	0.1	0.5
Textile mill products	15.5	15.9	16.7	-0.4	-2.5	-1.2	-7.2
Apparel	23.1	23.6	24.1	-0.5	-2.1	-1.0	-4.1
Mens & Boys suits,coats & furnishings	6.2	6.2	6.5	0.0	****	-0.3	-4.6
Paper & allied products	25.3	25.1	24.9	0.2	0.8	0.4	1.6
Printing & Publishing	56.9	56.5	55.6	0.4	0.7	1.3	2.3
Chemicals	19.1	18.3	18.1	0.8	4.4	1.0	5.5
Rubber & miscellaneous Plastic products	27.0	27.1	27.2	-0.1	-0.4	-0.2	-0.7
Miscellaneous Plastic products	20.8	20.9	21.1	-0.1	-0.5	-0.3	-1.4
Leather & Leather products	8.7	8.5	8.7	0.2	2.4	0.0	****
Footwear, except rubber	4.3	3.9	4.2	0.4	10.3	0.1	2.4
Mining	1.7	1.7	1.4	0.0	****	0.3	21.4
Construction	135.0	144.5	126.7	-9.5	-6.6	8.3	6.6
Transportation, Communication & Public Utilities	134.3	136.3	131.5	-2.0	-1.5	2.8	2.1
Wholesale & Retail trade	726.9	756.7	717.1	-29.8	-3.9	9.8	1.4
Wholesale Trade	181.5	181.4	173.4	0.1	0.1	8.1	4.7
Retail Trade	545.4	575.3	543.7	-29.9	-5.2	1.7	0.3
Finance, Insurance & Real Estate	227.0	227.9	220.0	-0.9	-0.4	7.0	3.2
Banking	65.2	65.4	64.6	-0.2	-0.3	0.6	0.9
Services	886.8	917.9	847.3	-31.1	-3.4	39.5	4.7
Health Services	253.4	253.9	245.9	-0.5	-0.2	7.5	3.1
Educational Services	106.2	124.3	105.2	-18.1	-14.6	1.0	1.0
Government	405.7	413.4	403.9	-7.7	-1.9	1.8	0.4
Federal	62.1	62.1	61.8	0.0	****	0.3	0.5
U.S. Postal Service	27.4	27.5	26.6	-0.1	-0.4	0.8	3.0
State	101.0	104.6	100.8	-3.6	-3.4	0.2	0.2
Educational services	22.8	26.5	25.8	-3.7	-14.0	-3.0	-11.6
Local	242.6	246.7	241.3	-4.1	-1.7	1.3	0.5
Educational services	138.4	140.7	137.7	-2.3	-1.6	0.7	0.5
Other Local	104.2	106.0	103.6	-1.8	-1.7	0.6	0.6
* High Technology Manufacturing	234.4	234.1	237.3	0.3	0.1	-2.9	-1.2
* High Technology Nonmanufacturing	91.3	90.4	87.4	0.9	1.0	3.9	4.5

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1749.0	1795.7	1704.8	-46.7	-2.6	44.2	2.6
Manufacturing	267.4	269.5	270.3	-2.1	-0.8	-2.9	-1.1
Durable Goods	190.3	191.9	193.1	-1.6	-0.8	-2.8	-1.5
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	15.3	15.5	15.7	-0.2	-1.3	-0.4	-2.5
Machinery, except electrical	45.0	45.2	46.3	-0.2	-0.4	-1.3	-2.8
Electrical & Electronic machinery,equip.,etc.	56.2	56.5	57.6	-0.3	-0.5	-1.4	-2.4
Transportation equipment	19.8	20.0	19.1	-0.2	-1.0	0.7	3.7
Instruments	39.4	39.6	39.9	-0.2	-0.5	-0.5	-1.3
Nondurable Goods	77.1	77.6	77.2	-0.5	-0.6	-0.1	-0.1
Food & kindred products	11.0	11.1	10.8	-0.1	-0.9	0.2	1.9
Textile mill products	2.0	2.0	2.0	0.0	****	0.0	****
Apparel	5.7	5.9	6.1	-0.2	-3.4	-0.4	-6.6
Paper & allied products	6.6	6.8	7.0	-0.2	-2.9	-0.4	-5.7
Printing & Publishing	34.0	33.9	33.0	0.1	0.3	1.0	3.0
Chemicals	7.9	7.9	7.9	0.0	****	0.0	****
Rubber & miscellaneous Plastic products	7.1	7.2	7.4	-0.1	-1.4	-0.3	-4.1
Leather & Leather products	2.2	2.2	2.4	0.0	****	-0.2	-8.3
Mining	0.9	1.0	0.8	-0.1	-10.0	0.1	12.5
Construction	68.3	73.8	64.7	-5.5	-7.5	3.6	5.6
Transportation, Communication & Public Utilities	76.1	77.9	75.9	-1.8	-2.3	0.2	0.3
Wholesale & Retail trade	393.0	405.3	387.5	-12.3	-3.0	5.5	1.4
Finance, Insurance & Real Estate	156.6	157.7	151.2	-1.1	-0.7	5.4	3.6
Banking	44.1	44.0	43.1	0.1	0.2	1.0	2.3
Insurance	33.9	34.5	35.3	-0.6	-1.7	-1.4	-4.0
Services	576.6	599.0	550.3	-22.4	-3.7	26.3	4.8
Health Services	145.8	146.1	140.0	-0.3	-0.2	5.8	4.1
Educational Services	80.0	95.4	79.9	-15.4	-16.1	0.1	0.1
Government	210.1	211.5	204.1	-1.4	-0.7	6.0	2.9
Federal	38.0	38.1	38.1	-0.1	-0.3	-0.1	-0.3
U.S. Postal Service	15.3	15.3	14.8	0.0	****	0.5	3.4
Federal Hospitals	5.0	5.1	5.0	-0.1	-2.0	0.0	****
State	52.0	51.6	50.1	0.4	0.8	1.9	3.8
State Hospitals	5.0	5.1	4.8	-0.1	-2.0	0.2	4.2
Educational services	8.4	8.4	8.4	0.0	****	0.0	****
Local	120.1	121.8	115.9	-1.7	-1.4	4.2	3.6

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.7	246.8	237.1	-6.1	-2.5	3.6	1.5
Manufacturing	50.7	51.2	50.9	-0.5	-1.0	-0.2	-0.4
Durable Goods	25.8	25.6	25.6	0.2	0.8	0.2	0.8
Fabricated Metals	7.0	6.9	6.9	0.1	1.4	0.1	1.4
Machinery, except electrical	6.2	6.3	6.0	-0.1	-1.6	0.2	3.3
Nondurable Goods	24.9	25.6	25.3	-0.7	-2.7	-0.4	-1.6
Textile mill products	1.5	1.6	1.6	-0.1	-6.3	-0.1	-6.3
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.3	8.2	7.9	0.1	1.2	0.4	5.1
Printing & Publishing	6.4	6.6	6.5	-0.2	-3.0	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	10.1	10.5	8.9	-0.4	-3.8	1.2	13.5
Transportation, Communication & Public Utilities	10.2	10.1	9.6	0.1	1.0	0.6	6.3
Wholesale & Retail trade	57.5	60.1	56.2	-2.6	-4.3	1.3	2.3
Finance, Insurance & Real Estate	15.5	15.5	15.8	0.0	****	-0.3	-1.9
Services	57.9	60.3	56.6	-2.4	-4.0	1.3	2.3
Government	38.7	39.0	39.0	-0.3	-0.8	-0.3	-0.8
Federal	6.2	6.2	6.1	0.0	****	0.1	1.6
State	8.3	8.7	8.2	-0.4	-4.6	0.1	1.2
Local	24.2	24.1	24.7	0.1	0.4	-0.5	-2.0
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	211.3	215.4	201.4	-4.1	-1.9	9.9	4.9
Manufacturing	45.6	45.7	44.7	-0.1	-0.2	0.9	2.0
Durable Goods	30.1	30.0	29.4	0.1	0.3	0.7	2.4
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.3	7.4	6.8	-0.1	-1.4	0.5	7.4
Machinery, except electrical	9.9	9.9	9.9	0.0	****	0.0	****
Nondurable Goods	15.5	15.7	15.3	-0.2	-1.3	0.2	1.3
Textile mill products	2.4	2.4	2.6	0.0	****	-0.2	-7.7
Leather & Leather products	0.6	0.8	0.8	-0.2	-25.0	-0.2	-25.0
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	10.0	11.0	9.2	-1.0	-9.1	0.8	8.7
Transportation, Communication & Public Utilities	9.6	9.9	9.0	-0.3	-3.0	0.6	6.7
Wholesale & Retail trade	51.8	53.2	49.2	-1.4	-2.6	2.6	5.3
Finance, Insurance & Real Estate	14.9	14.8	14.2	0.1	0.7	0.7	4.9
Services	54.3	55.4	50.5	-1.1	-2.0	3.8	7.5
Government	25.0	25.3	24.5	-0.3	-1.2	0.5	2.0

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
BROCKTON PMSA TTS PMSA							
NONAGRICULTURAL EMPLOYMENT	73.6	76.2	72.0	-2.6	-3.4	1.6	2.2
Manufacturing	11.2	11.1	11.1	0.1	0.9	0.1	0.9
Durable Goods	6.4	6.2	6.0	0.2	3.2	0.4	6.7
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	4.8	4.9	5.1	-0.1	-2.0	-0.3	-5.9
Construction	3.7	4.2	3.5	-0.5	-11.9	0.2	5.7
Transportation, Communication & Public Utilities	5.1	5.3	5.2	-0.2	-3.8	-0.1	-1.9
Wholesale & Retail trade	22.1	23.5	22.1	-1.4	-6.0	0.0	****
Finance, Insurance & Real Estate	3.3	3.3	3.2	0.0	****	0.1	3.1
Services	15.8	16.2	14.8	-0.4	-2.5	1.0	6.8
Government	12.4	12.6	12.1	-0.2	-1.6	0.3	2.5
Federal	3.1	3.1	2.9	0.0	****	0.2	6.9
State	2.6	2.6	2.7	0.0	****	-0.1	-3.7
Local	6.7	6.9	6.5	-0.2	-2.9	0.2	3.1
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	165.0	167.2	161.1	-2.2	-1.3	3.9	2.4
Manufacturing	50.1	49.6	50.1	0.5	1.0	0.0	****
Durable Goods	35.5	35.0	36.3	0.5	1.4	-0.8	-2.2
Nondurable Goods	14.6	14.6	13.8	0.0	****	0.8	5.8
Leather & Leather products	1.9	1.9	1.7	0.0	****	0.2	11.8
Construction	7.3	7.7	7.3	-0.4	-5.2	0.0	****
Transportation, Communication & Public Utilities	7.0	7.2	6.8	-0.2	-2.8	0.2	2.9
Wholesale & Retail trade	37.2	38.6	36.3	-1.4	-3.6	0.9	2.5
Finance, Insurance & Real Estate	6.7	6.7	6.4	0.0	****	0.3	4.7
Services	34.9	35.5	33.6	-0.6	-1.7	1.3	3.9
Government	21.8	21.9	20.6	-0.1	-0.5	1.2	5.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
***PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	42.0	43.0	41.5	-1.0	-2.3	0.5	1.2
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.9	10.8	11.4	0.1	0.9	-0.5	-4.4
Machinery	6.4	6.4	7.0	0.0	****	-0.6	-8.6
All other manufacturing	4.5	4.4	4.4	0.1	2.3	0.1	2.3
Construction	2.2	2.5	2.0	-0.3	-12.0	0.2	10.0
Transportation, Communication & Public Utilities	1.2	1.2	1.2	0.0	****	0.0	****
Wholesale & Retail trade	10.1	10.5	9.7	-0.4	-3.8	0.4	4.1
Finance, Insurance & Real Estate	1.9	2.0	1.9	-0.1	-5.0	0.0	****
Services	10.8	11.0	10.3	-0.2	-1.8	0.5	4.9
Government	4.8	4.9	4.9	-0.1	-2.0	-0.1	-2.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.2	70.1	66.7	-1.9	-2.7	1.5	2.2
Manufacturing	18.8	18.9	19.6	-0.1	-0.5	-0.8	-4.1
Durable Goods	8.1	8.1	8.5	0.0	****	-0.4	-4.7
Primary & Fabricated Metals	2.4	2.5	2.6	-0.1	-4.0	-0.2	-7.7
Nondurable Goods	10.7	10.8	11.1	-0.1	-0.9	-0.4	-3.6
Apparel	5.4	5.4	5.7	0.0	****	-0.3	-5.3
Construction	3.3	3.6	2.8	-0.3	-8.3	0.5	17.9
Transportation, Communication & Public Utilities	2.9	3.1	2.8	-0.2	-6.5	0.1	3.6
Wholesale & Retail trade	16.1	16.9	16.0	-0.8	-4.7	0.1	0.6
Finance, Insurance & Real Estate	2.5	2.6	2.6	-0.1	-3.8	-0.1	-3.8
Services	13.9	14.3	13.0	-0.4	-2.8	0.9	6.9
Government	10.7	10.7	9.9	0.0	****	0.8	8.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	55.2	57.4	54.8	-2.2	-3.8	0.4	0.7
Manufacturing	15.3	15.6	16.8	-0.3	-1.9	-1.5	-8.9
Textile mill products	3.8	3.9	4.3	-0.1	-2.6	-0.5	-11.6
All other manufacturing	11.5	11.7	12.5	-0.2	-1.7	-1.0	-8.0
Construction	2.7	3.3	2.1	-0.6	-18.2	0.6	28.6
Transportation, Communication & Public Utilities	1.9	2.0	1.9	-0.1	-5.0	0.0	****
Wholesale & Retail trade	14.3	15.4	14.0	-1.1	-7.1	0.3	2.1
Finance, Insurance & Real Estate	3.4	3.3	3.1	0.1	3.0	0.3	9.7
Services	10.7	10.8	10.2	-0.1	-0.9	0.5	4.9
Government	6.9	7.0	6.7	-0.1	-1.4	0.2	3.0

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JAN 1989	DEC 1988	JAN 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	41.3	42.2	40.5	-0.9	-2.1	0.8	2.0
Manufacturing	12.1	12.2	11.9	-0.1	-0.8	0.2	1.7
Durable Goods	5.1	5.1	4.9	0.0	****	0.2	4.1
Machinery, except electrical	3.1	3.0	2.9	0.1	3.3	0.2	6.9
Nondurable Goods	7.0	7.1	7.0	-0.1	-1.4	0.0	****
Rubber & miscellaneous Plastic products	3.6	3.6	3.6	0.0	****	0.0	****
Construction	2.3	2.7	2.2	-0.4	-14.8	0.1	4.5
Transportation, Communication & Public Utilities	1.7	1.7	1.7	0.0	****	0.0	****
Wholesale & Retail trade	10.5	10.8	10.1	-0.3	-2.8	0.4	4.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	8.4	8.3	8.2	0.1	1.2	0.2	2.4
Government	4.6	4.8	4.7	-0.2	-4.2	-0.1	-2.1
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	109.4	112.0	107.0	-2.6	-2.3	2.4	2.2
Mining	0.1	0.2	0.2	-0.1	-50.0	-0.1	-50.0
Manufacturing	36.6	36.5	36.9	0.1	0.3	-0.3	-0.8
Construction	5.2	5.9	4.7	-0.7	-11.9	0.5	10.6
Transportation, Communication & Public Utilities	5.1	5.2	4.6	-0.1	-1.9	0.5	10.9
Wholesale & Retail trade	23.8	24.8	23.0	-1.0	-4.0	0.8	3.5
Finance, Insurance & Real Estate	4.0	4.0	3.9	0.0	****	0.1	2.6
Services	20.8	21.4	20.2	-0.6	-2.8	0.6	3.0
Government	13.8	14.0	13.5	-0.2	-1.4	0.3	2.2
***SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	115.0	117.8	111.0	-2.8	-2.4	4.0	3.6
Manufacturing	21.9	22.2	22.4	-0.3	-1.4	-0.5	-2.2
Durable Goods	15.0	15.1	15.3	-0.1	-0.7	-0.3	-2.0
Nondurable Goods	6.9	7.1	7.1	-0.2	-2.8	-0.2	-2.8
Construction	5.6	5.8	4.8	-0.2	-3.4	0.8	16.7
Transportation, Communication & Public Utilities	3.9	3.9	3.6	0.0	****	0.3	8.3
Wholesale & Retail trade	33.3	34.7	32.6	-1.4	-4.0	0.7	2.1
Finance, Insurance & Real Estate	6.1	5.9	5.4	0.2	3.4	0.7	13.0
Services	28.2	29.0	26.6	-0.8	-2.8	1.6	6.0
Government	16.0	16.3	15.6	-0.3	-1.8	0.4	2.6

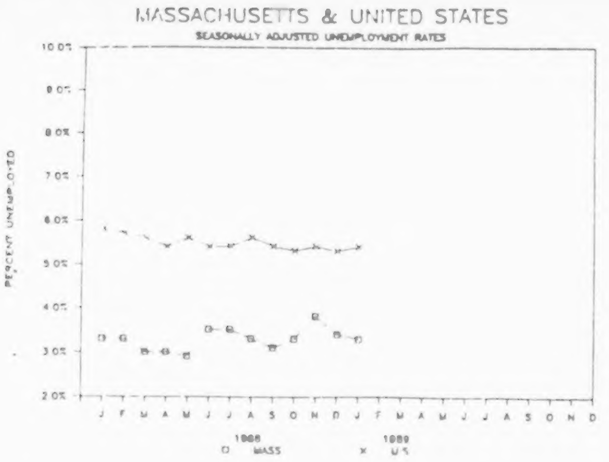
NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

Area	Average Weekly Hours JAN 89	DEC 88	JAN 88	Average Hourly Earnings JAN 89	DEC 88	JAN 88
UNITED STATES	40.9	41.7	41.0	$10.33	$10.31	$10.02
MASSACHUSETTS	41.2	42.0	41.4	10.60	10.51	10.03
BOSTON	40.9	41.6	41.5	11.27	11.20	10.81
BROCKTON	40.0	39.4	40.3	8.69	8.71	8.36
FALL RIVER	37.2	37.1	36.6	8.07	8.02	7.51
LAWRENCE-HAVERHILL	40.3	40.4	41.1	10.42	10.39	9.94
LOWELL	39.0	41.2	42.9	10.35	10.30	10.13
NEW BEDFORD	38.0	37.8	37.6	9.03	8.86	8.54
SPRINGFIELD	42.7	42.6	42.7	9.86	9.89	9.44
WORCESTER	41.4	41.6	40.5	10.67	10.63	10.24

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours JAN 89	DEC 88	JAN 88	Average Hourly Earnings JAN 89	DEC 88	JAN 88
MANUFACTURING	41.2	42.0	41.4	$10.60	$10.51	$10.03
DURABLE GOODS	41.8	42.9	42.1	10.99	10.94	10.48
LUMBER & FURNITURE	39.5	40.5	40.1	8.31	8.38	7.79
STONE, CLAY & GLASS	43.1	42.6	39.3	12.60	12.75	12.23
PRIMARY METALS	42.6	42.5	42.5	10.58	10.38	9.71
FABRICATED METALS	41.8	42.7	42.3	11.05	11.00	10.48
CUTLERY, ETC.	46.0	46.3	44.2	11.62	11.62	11.12
MACHINERY, EX. ELEC.	41.8	43.6	43.6	11.11	11.13	10.77
METALWORKING MACH.	43.6	45.1	44.8	11.39	11.21	10.99
SPECIAL INDU. MACH.	43.8	45.2	44.2	12.02	12.19	12.05
ELEC. & ELECTRON. MACH.	40.2	42.0	43.1	10.59	10.55	10.19
COMMUNICATIONS EQUIP.	39.4	41.5	43.5	10.97	10.74	10.57
ELECTRONIC COMP.	40.9	42.8	43.0	10.60	10.68	10.17
TRANSPORTATION EQUIP.	43.1	44.1	43.8	13.13	12.98	12.42
INSTRUMENTS	43.5	44.0	38.8	11.25	11.22	10.85
MEAS. & CONTROL DEVICES	46.6	46.7	44.6	8.90	8.81	8.64
MISC. MANUFAC. IND.	41.9	42.3	41.5	9.42	9.33	8.96
JEWELRY	40.3	42.1	41.0	8.60	8.40	7.71
NONDURABLE GOODS	40.4	40.6	40.3	9.94	9.82	9.34
FOOD & KINDRED PROD.	41.0	42.6	40.6	10.47	10.64	9.79
TEXTILE MILL PROD.	43.8	43.3	40.9	9.04	9.12	8.43
APPAREL	38.1	38.0	39.3	7.06	7.07	6.40
MENS & BOYS SUITS	38.7	38.9	39.2	7.57	7.65	7.19
PAPER & ALLIED PRODUCTS	43.6	44.0	45.0	10.74	10.62	10.07
PRINTING & PUBLISHING	38.0	38.1	38.0	10.96	10.74	10.13
CHEMICALS	40.9	41.5	42.6	12.22	12.33	11.88
RUBBER & PLASTIC PROD.	42.4	41.4	41.6	9.52	9.26	9.40
MISC. PLAS. PROD.	41.0	40.1	41.2	9.25	9.06	9.21
LEATHER & LEATHER PROD.	37.4	37.0	36.0	7.85	7.79	7.54
FOOTWEAR, EX. RUBBER	36.5	36.5	36.4	6.84	6.83	6.68



(continued from page 1)

The national unemployment rate was up slightly to 5.4 percent from 5.3 percent a month earlier.

- The Commonwealth ranked first among the eleven large states with the lowest unemployment rate. Tied for second at 3.9 percent were New Jersey and North Carolina. The highest rates were posted by Texas and Michigan with 7.1 percent and 6.9 percent respectively.
- Once again the Boston PMSA, the Salem-Gloucester PMSA, the Worcester MSA and the Spingfield MSA had the lowest unemployment rates among the major labor market areas. Similiarly the lowest rates were seen in the same three of the smaller labor market areas: Amherst, Nantucket County, and Great Barrington.

THE OFFICE SPACE "GLUT"

As noted earlier, annual job expansion occurred in all divisions except manufacturing. Thus, the vacancy rate for office space is important to an analysis of the service producing industries as well as the construction division. There is a "glut" in office space nationally according to a March 12, 1989 article in the New York Times which used vacancy rates provided by Cushman and Wakefield.

Compared with national trends, where things have gotten worse after a boom period in the past decade, the Northeast, in general, and Boston, in particular, are experiencing lower vacancy rates than in other parts of the country. It is expected that the slowing rate of new office building construction will give an opportunity to catch up with the runaway boom of the Eighties. The "Times" reported that an MIT survey of two years ago found that more than a third of the country's office space had been built since 1975.

- In the fourth quarter of 1988 the vacancy rate for Manhattan was about 12 to 13 percent; Boston, 12.8 percent; Chicago, 12.3 percent; and Philidelphia, 10.7 percent. Other areas of the country had higher rates: Houston, 22.8 percent; Los Angeles, 18.2 percent; Orange County, California, 25.1 percent; and northern New Jersey, 19.6 percent.
- In the New York City area, so much office space has been built that the "Times" estimates it contains enough unrented office space to meet the needs for the next two years. Since the industry considers a six percent rate "healthy" and Boston has about double that rate, less office construction than in the past decade may be anticipated for the area.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	January 1989	December 1988	January 1988
United States	5.4	5.3	5.8
Massachusetts	3.3	3.4	3.3
Labor Force	3,166.0	3,150.0	3,133.0
Employed	3,063.0	3,043.0	3,031.0
Unemployed	103.0	107.0	102.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1989	DECEMBER 1988	JANUARY 1988
UNITED STATES			
LABOR FORCE	129,404,000	128,262,000	119,742,000
EMPLOYMENT	122,095,000	122,120,000	112,139,000
UNEMPLOYMENT	7,309,000	6,142,000	7,603,000
PERCENT UNEMPLOYED	5.6	4.8	6.3
MASSACHUSETTS			
LABOR FORCE	3,139,200	3,127,200	3,103,900
EMPLOYMENT	3,019,900	3,033,300	2,986,300
UNEMPLOYMENT	119,300	93,900	117,600
PERCENT UNEMPLOYED	3.8	3.0	3.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,554,360	1,551,520	1,539,240
EMPLOYMENT	1,506,500	1,512,180	1,491,620
UNEMPLOYMENT	47,860	39,340	47,620
PERCENT UNEMPLOYED	3.1	2.5	3.1
BROCKTON PMSA			
LABOR FORCE	98,440	98,600	97,470
EMPLOYMENT	94,210	95,270	93,390
UNEMPLOYMENT	4,220	3,330	4,090
PERCENT UNEMPLOYED	4.3	3.4	4.2
FALL RIVER PMSA			
LABOR FORCE	75,670	76,520	77,060
EMPLOYMENT	71,170	72,650	71,800
UNEMPLOYMENT	4,500	3,870	5,260
PERCENT UNEMPLOYED	5.9	5.1	6.8
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	47,030	46,680	47,130
EMPLOYMENT	44,670	44,810	45,000
UNEMPLOYMENT	2,360	1,870	2,140
PERCENT UNEMPLOYED	5.0	4.0	4.5
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	185,910	185,040	185,660
EMPLOYMENT	177,640	178,580	177,410
UNEMPLOYMENT	8,270	6,470	8,250
PERCENT UNEMPLOYED	4.5	3.5	4.4
LOWELL PMSA			
LABOR FORCE	152,500	151,860	151,530
EMPLOYMENT	146,550	147,290	145,720
UNEMPLOYMENT	5,960	4,570	5,810
PERCENT UNEMPLOYED	3.9	3.0	3.8
NEW BEDFORD MSA			
LABOR FORCE	87,160	85,920	85,790
EMPLOYMENT	81,540	81,750	80,180
UNEMPLOYMENT	5,620	4,170	5,610
PERCENT UNEMPLOYED	6.4	4.9	6.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1989	DECEMBER 1988	JANUARY 1988
PITTSFIELD MSA			
LABOR FORCE	40,210	39,810	40,180
EMPLOYMENT	38,020	38,130	38,140
UNEMPLOYMENT	2,190	1,680	2,040
PERCENT UNEMPLOYED	5.5	4.2	5.1
SALEM-GLOUCESTER PMSA			
LABOR FORCE	154,270	153,870	151,480
EMPLOYMENT	148,970	149,580	146,200
UNEMPLOYMENT	5,310	4,290	5,280
PERCENT UNEMPLOYED	3.4	2.8	3.5
SPRINGFIELD MSA			
LABOR FORCE	251,860	249,250	252,120
EMPLOYMENT	242,250	241,600	242,550
UNEMPLOYMENT	9,620	7,660	9,570
PERCENT UNEMPLOYED	3.8	3.1	3.8
WORCESTER MSA			
LABOR FORCE	226,380	224,180	219,520
EMPLOYMENT	218,490	218,260	211,920
UNEMPLOYMENT	7,890	5,920	7,600
PERCENT UNEMPLOYED	3.5	2.6	3.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	31,990	31,300	31,280
EMPLOYMENT	31,020	30,530	30,270
UNEMPLOYMENT	970	770	1,010
PERCENT UNEMPLOYED	3.0	2.5	3.2
ATHOL LMA			
LABOR FORCE	10,620	10,310	10,130
EMPLOYMENT	9,870	9,800	9,470
UNEMPLOYMENT	750	510	660
PERCENT UNEMPLOYED	7.1	4.9	6.5
ATTLEBORO LMA			
LABOR FORCE	47,300	47,160	48,100
EMPLOYMENT	44,610	45,180	45,340
UNEMPLOYMENT	2,690	1,990	2,770
PERCENT UNEMPLOYED	5.7	4.2	5.8
BARNSTABLE LMA			
LABOR FORCE	102,070	104,500	94,220
EMPLOYMENT	95,100	99,650	88,270
UNEMPLOYMENT	6,970	4,840	5,950
PERCENT UNEMPLOYED	6.8	4.6	6.3
DUKES COUNTY LMA			
LABOR FORCE	6,480	6,520	5,600
EMPLOYMENT	6,130	6,300	5,290
UNEMPLOYMENT	350	220	320
PERCENT UNEMPLOYED	5.4	3.3	5.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	JANUARY 1989	DECEMBER 1988	JANUARY 1988
GARDNER LMA			
LABOR FORCE	15,200	15,040	15,090
EMPLOYMENT	14,320	14,370	14,250
UNEMPLOYMENT	880	680	840
PERCENT UNEMPLOYED	5.8	4.5	5.6
GREAT BARRINGTON LMA			
LABOR FORCE	9,150	9,190	9,130
EMPLOYMENT	8,830	8,960	8,800
UNEMPLOYMENT	320	230	320
PERCENT UNEMPLOYED	3.5	2.5	3.6
GREENFIELD LMA			
LABOR FORCE	26,280	26,420	26,380
EMPLOYMENT	25,150	25,620	25,380
UNEMPLOYMENT	1,130	800	1,000
PERCENT UNEMPLOYED	4.3	3.0	3.8
NANTUCKET LMA			
LABOR FORCE	4,330	4,920	4,020
EMPLOYMENT	4,190	4,840	3,890
UNEMPLOYMENT	140	70	130
PERCENT UNEMPLOYED	3.3	1.5	3.3
NORTH ADAMS LMA			
LABOR FORCE	19,050	18,590	19,590
EMPLOYMENT	18,060	17,920	18,590
UNEMPLOYMENT	990	670	1,010
PERCENT UNEMPLOYED	5.2	3.6	5.1
SOUTHBRIDGE LMA			
LABOR FORCE	12,040	12,120	12,840
EMPLOYMENT	11,420	11,620	12,140
UNEMPLOYMENT	620	510	700
PERCENT UNEMPLOYED	5.1	4.2	5.5
TAUNTON LMA			
LABOR FORCE	28,100	27,400	28,100
EMPLOYMENT	26,570	26,350	26,510
UNEMPLOYMENT	1,540	1,050	1,590
PERCENT UNEMPLOYED	5.5	3.8	5.7
WARE LMA			
LABOR FORCE	8,120	7,930	8,180
EMPLOYMENT	7,670	7,610	7,720
UNEMPLOYMENT	450	320	460
PERCENT UNEMPLOYED	5.6	4.0	5.6
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,610	9,080	8,900
EMPLOYMENT	9,200	8,770	8,470
UNEMPLOYMENT	410	310	430
PERCENT UNEMPLOYED	4.3	3.4	4.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT MASSACHUSETTS CITIES AND TOWNS

JANUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,613	7,323	290	3.8
ACTON	10,122	9,909	213	2.1
ACUSHNET	5,226	4,941	285	5.5
ADAMS	4,961	4,686	275	5.5
AGAWAM	14,371	13,910	461	3.2
ALFORD	229	225	4	1.7
AMESBURY	7,316	7,023	293	4.0
AMHERST	20,031	19,638	393	2.0
ANDOVER	13,870	13,515	355	2.6
ARLINGTON	26,354	25,786	568	2.2
ASHBURNHAM	2,406	2,305	101	4.2
ASHBY	1,258	1,215	43	3.4
ASHFIELD	887	855	32	3.6
ASHLAND	7,111	6,902	209	2.9
ATHOL	4,645	4,302	343	7.4
ATTLEBORO	17,826	16,685	1,141	6.4
AUBURN	8,827	8,593	234	2.7
AVON	2,893	2,781	112	3.9
AYER	3,566	3,407	159	4.5
BARNSTABLE	21,000	19,428	1,572	7.5
BARRE	2,411	2,295	116	4.8
BECKET	811	754	57	7.0
BEDFORD	6,848	6,681	167	2.4
BELCHERTOWN	4,785	4,594	191	4.0
BELLINGHAM	7,664	7,330	334	4.4
BELMONT	14,043	13,801	242	1.7
BERKLEY	1,851	1,746	105	5.7
BERLIN	1,312	1,247	65	5.0
BERNARDSTON	1,019	962	57	5.6
BEVERLY	22,566	21,979	587	2.6
BILLERICA	23,040	22,189	851	3.7
BLACKSTONE	3,355	3,104	251	7.5
BLANDFORD	613	597	16	2.6
BOLTON	1,676	1,616	60	3.6
BOSTON	301,000	290,513	10,487	3.5
BOURNE	7,612	7,180	432	5.7
BOXBOROUGH	2,069	2,019	50	2.4
BOXFORD	3,019	2,969	50	1.7
BOYLSTON	2,202	2,141	61	2.8
BRAINTREE	19,322	18,804	518	2.7
BREWSTER	3,502	3,317	185	5.3
BRIDGEWATER	9,465	9,117	348	3.7
BRIMFIELD	1,095	1,052	43	3.9
BROCKTON	48,694	46,244	2,450	5.0
BROOKFIELD	1,565	1,487	78	5.0
BROOKLINE	32,334	31,824	510	1.6
BUCKLAND	986	966	20	2.0
BURLINGTON	13,764	13,354	410	3.0
CAMBRIDGE	54,161	52,788	1,373	2.5
CANTON	10,375	10,104	271	2.6
CARLISLE	2,239	2,198	41	1.8
CARVER	4,641	4,453	188	4.1
CHARLEMONT	658	621	37	5.6
CHARLTON	4,375	4,163	212	4.8
CHATHAM	3,228	3,102	126	3.9
CHELMSFORD	19,593	19,081	512	2.6
CHELSEA	11,699	11,098	601	5.1
CHESHIRE	1,682	1,594	88	5.2
CHESTER	591	553	38	6.4
CHESTERFIELD	641	623	18	2.8
CHICOPEE	28,929	27,817	1,112	3.8
CHILMARK	375	361	14	3.7
CLARKSBURG	927	907	20	2.2
CLINTON	7,010	6,700	310	4.4
COHASSET	3,910	3,782	128	3.3
COLRAIN	881	839	42	4.8
CONCORD	9,175	9,031	144	1.6
CONWAY	833	794	39	4.7
CUMMINGTON	431	413	18	4.2
DALTON	3,239	3,115	124	3.8
DANVERS	14,728	14,359	369	2.5
DARTMOUTH	13,955	13,228	727	5.2
DEDHAM	13,721	13,297	424	3.1
DEERFIELD	2,856	2,750	106	3.7
DENNIS	7,017	6,614	403	5.7
DIGHTON	2,800	2,682	118	4.2
DOUGLAS	2,461	2,349	112	4.6
DOVER	2,458	2,428	30	1.2
DRACUT	15,279	14,638	641	4.2
DUDLEY	5,180	4,995	185	3.6
DUNSTABLE	1,256	1,215	41	3.3
DUXBURY	6,757	6,612	145	2.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
EAST BRIDGEWATER	5,393	5,188	205	3.8
EAST BROOKFIELD	1,014	957	57	5.6
EAST LONGMEADOW	6,329	6,173	156	2.5
EASTHAM	2,440	2,252	188	7.7
EASTHAMPTON	8,659	8,400	259	3.0
EASTON	10,669	10,381	288	2.7
EDGARTOWN	1,868	1,711	157	8.4
EGREMONT	810	793	17	2.1
ERVING	582	560	22	3.8
ESSEX	1,778	1,693	85	4.8
EVERETT	18,909	18,054	855	4.5
FAIRHAVEN	8,011	7,618	393	4.9
FALL RIVER	42,509	39,308	3,201	7.5
FALMOUTH	14,111	13,390	721	5.1
FITCHBURG	18,707	17,640	1,067	5.7
FLORIDA	388	331	57	14.7
FOXBOROUGH	8,184	7,976	208	2.5
FRAMINGHAM	39,233	38,231	1,002	2.6
FRANKLIN	10,256	9,875	381	3.7
FREETOWN	4,278	4,071	207	4.8
GARDNER	8,393	7,954	439	5.2
GAY HEAD	116	103	13	11.2
GEORGETOWN	3,096	2,989	107	3.5
GILL	743	730	13	1.7
GLOUCESTER	16,218	14,961	1,257	7.8
GOSHEN	447	435	12	2.7
GOSNOLD	32	30	2	6.3
GRAFTON	7,066	6,901	165	2.3
GRANBY	2,804	2,707	97	3.5
GRANVILLE	747	712	35	4.7
GREAT BARRINGTON	3,974	3,805	169	4.3
GREENFIELD	9,527	9,159	368	3.9
GROTON	3,899	3,800	99	2.5
GROVELAND	2,712	2,617	95	3.5
HADLEY	3,093	2,984	109	3.5
HALIFAX	2,943	2,832	111	3.8
HAMILTON	4,216	4,133	83	2.0
HAMPDEN	2,261	2,183	78	3.4
HANCOCK	313	310	3	1.0
HANOVER	6,098	5,940	158	2.6
HANSON	4,431	4,269	162	3.7
HARDWICK	901	847	54	6.0
HARVARD	3,442	3,389	53	1.5
HARWICH	4,841	4,561	280	5.8
HATFIELD	2,304	2,147	157	6.8
HAVERHILL	23,515	22,428	1,087	4.6
HAWLEY	186	183	3	1.6
HEATH	302	290	12	4.0
HINGHAM	10,169	9,919	250	2.5
HINSDALE	843	789	54	6.4
HOLBROOK	6,186	6,008	178	2.9
HOLDEN	7,854	7,716	138	1.8
HOLLAND	695	678	17	2.4
HOLLISTON	7,463	7,299	164	2.2
HOLYOKE	17,911	17,005	906	5.1
HOPEDALE	2,095	1,995	100	4.8
HOPKINTON	4,959	4,832	127	2.6
HUBBARDSTON	905	848	57	6.3
HUDSON	10,608	10,221	387	3.6
HULL	4,750	4,500	250	5.3
HUNTINGTON	906	869	37	4.1
IPSWICH	6,924	6,750	174	2.5
KINGSTON	4,297	4,125	172	4.0
LAKEVILLE	3,606	3,539	67	1.9
LANCASTER	3,206	3,120	86	2.7
LANESBOROUGH	1,623	1,524	99	6.1
LAWRENCE	29,346	27,137	2,209	7.5
LEE	2,974	2,797	177	6.0
LEICESTER	5,452	5,243	209	3.8
LENOX	3,328	3,189	139	4.2
LEOMINSTER	17,375	16,543	832	4.8
LEVERETT	1,177	1,134	43	3.7
LEXINGTON	16,695	16,428	267	1.6
LEYDEN	367	348	19	5.2
LINCOLN	3,495	3,449	46	1.3
LITTLETON	4,109	4,029	80	1.9
LONGMEADOW	7,686	7,569	117	1.5
LOWELL	53,434	50,931	2,503	4.7
LUDLOW	10,530	9,957	573	5.4
LUNENBURG	4,486	4,308	178	4.0
LYNN	39,956	38,193	1,763	4.4
LYNNFIELD	6,141	5,982	159	2.6

JANUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	28,855	27,858	997	3.5
MANCHESTER	2,953	2,880	73	2.5
MANSFIELD	8,185	7,981	204	2.5
MARBLEHEAD	11,770	11,541	229	1.9
MARION	2,069	1,987	82	4.0
MARLBOROUGH	18,903	18,268	635	3.4
MARSHFIELD	11,903	11,449	454	3.8
MASHPEE	3,508	3,354	154	4.4
MATTAPOISETT	3,218	3,135	83	2.6
MAYNARD	5,747	5,575	172	3.0
MEDFIELD	5,638	5,512	126	2.2
MEDFORD	30,933	29,950	983	3.2
MEDWAY	5,202	5,032	170	3.3
MELROSE	15,835	15,416	419	2.6
MENDON	1,923	1,841	82	4.3
MERRIMAC	2,449	2,345	104	4.2
METHUEN	21,328	20,542	786	3.7
MIDDLEBOROUGH	8,347	7,888	459	5.5
MIDDLEFIELD	202	192	10	5.0
MIDDLETON	2,996	2,910	86	2.9
MILFORD	13,477	12,853	624	4.6
MILLBURY	6,575	6,342	233	3.5
MILLIS	4,067	3,920	147	3.6
MILLVILLE	952	879	73	7.7
MILTON	13,141	12,868	273	2.1
MONROE	61	58	3	4.9
MONSON	3,599	3,476	123	3.4
MONTAGUE	4,377	4,148	229	5.2
MONTEREY	597	583	14	2.3
MONTGOMERY	307	302	5	1.6
MOUNT WASHINGTON	74	73	1	1.4
NAHANT	2,212	2,138	74	3.3
NANTUCKET	4,326	4,185	141	3.3
NATICK	18,135	17,684	451	2.5
NEEDHAM	15,367	15,085	282	1.8
NEW ASHFORD	93	93	0	0.0
NEW BEDFORD	48,383	44,601	3,782	7.8
NEW BRAINTREE	300	289	11	3.7
NEW MARLBOROUGH	742	731	11	1.5
NEW SALEM	437	381	56	12.8
NEWBURY	2,916	2,812	104	3.6
NEWBURYPORT	8,818	8,485	333	3.8
NEWTON	47,987	47,064	923	1.9
NORFOLK	3,703	3,583	120	3.2
NORTH ADAMS	8,093	7,518	575	7.1
NORTH ANDOVER	11,309	10,996	313	2.8
NORTH ATTLEBOROUGH	11,723	11,147	576	4.9
NORTH BROOKFIELD	2,262	2,181	81	3.6
NORTH READING	6,899	6,727	172	2.5
NORTHAMPTON	14,192	13,773	419	3.0
NORTHBOROUGH	6,610	6,458	152	2.3
NORTHBRIDGE	6,859	6,625	234	3.4
NORTHFIELD	1,355	1,309	46	3.4
NORTON	7,496	7,220	276	3.7
NORWELL	4,874	4,758	116	2.4
NORWOOD	17,023	16,450	573	3.4
OAK BLUFFS	1,200	1,121	79	6.6
OAKHAM	506	488	18	3.6
ORANGE	2,914	2,698	216	7.4
ORLEANS	3,093	2,914	179	5.8
OTIS	506	460	46	9.1
OXFORD	6,735	6,455	280	4.2
PALMER	6,246	6,004	242	3.9
PAXTON	2,276	2,232	44	1.9
PEABODY	28,067	27,168	899	3.2
PELHAM	964	935	29	3.0
PEMBROKE	7,470	7,212	258	3.5
PEPPERELL	5,400	5,230	170	3.1
PERU	418	402	16	3.8
PETERSHAM	451	438	13	2.9
PHILLIPSTON	493	463	30	6.1
PITTSFIELD	24,413	22,952	1,461	6.0
PLAINFIELD	233	212	21	9.0
PLAINVILLE	3,215	2,953	262	8.1
PLYMOUTH	19,405	18,382	1,023	5.3
PLYMPTON	1,138	1,098	40	3.5
PRINCETON	1,749	1,709	40	2.3
PROVINCETOWN	3,057	2,039	1,018	33.3
QUINCY	47,134	45,472	1,662	3.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
RANDOLPH	16,593	16,051	542	3.3
RAYNHAM	5,114	4,927	187	3.7
READING	13,119	12,782	337	2.6
REHOBOTH	4,071	3,860	211	5.2
REVERE	23,066	22,061	1,005	4.4
RICHMOND	843	819	24	2.8
ROCHESTER	2,019	1,959	60	3.0
ROCKLAND	7,922	7,611	311	3.9
ROCKPORT	3,462	3,217	245	7.1
ROWE	189	173	16	8.5
ROWLEY	2,792	2,650	142	5.1
ROYALSTON	456	434	22	4.8
RUSSELL	771	752	19	2.5
RUTLAND	2,539	2,463	76	3.0
SALEM	22,634	21,853	781	3.5
SALISBURY	3,556	3,337	219	6.2
SANDISFIELD	393	382	11	2.8
SANDWICH	6,957	6,737	220	3.2
SAUGUS	14,618	14,111	507	3.5
SAVOY	336	328	8	2.4
SCITUATE	9,102	8,850	252	2.8
SEEKONK	6,155	5,979	176	2.9
SHARON	8,319	8,147	172	2.1
SHEFFIELD	1,565	1,512	53	3.4
SHELBURNE	1,049	961	88	8.4
SHERBORN	2,181	2,147	34	1.6
SHIRLEY	2,882	2,720	162	5.6
SHREWSBURY	13,387	13,086	301	2.2
SHUTESBURY	931	905	26	2.8
SOMERSET	9,615	9,257	358	3.7
SOMERVILLE	40,447	39,184	1,263	3.1
SOUTH HADLEY	8,642	8,404	238	2.8
SOUTHAMPTON	2,362	2,286	76	3.2
SOUTHBOROUGH	3,663	3,565	98	2.7
SOUTHBRIDGE	6,674	6,272	402	6.0
SOUTHWICK	4,094	3,967	127	3.1
SPENCER	6,282	6,017	265	4.2
SPRINGFIELD	67,305	64,123	3,182	4.7
STERLING	3,781	3,671	110	2.9
STOCKBRIDGE	1,267	1,241	26	2.1
STONEHAM	12,891	12,509	382	3.0
STOUGHTON	15,234	14,730	504	3.3
STOW	3,134	3,081	53	1.7
STURBRIDGE	3,039	2,913	126	4.1
SUDBURY	7,628	7,473	155	2.0
SUNDERLAND	2,476	2,322	154	6.2
SUTTON	3,486	3,400	86	2.5
SWAMPSCOTT	7,866	7,674	192	2.4
SWANSEA	8,037	7,724	313	3.9
TAUNTON	23,455	22,142	1,313	5.6
TEMPLETON	2,605	2,446	159	6.1
TEWKSBURY	15,260	14,747	513	3.4
TISBURY	2,100	2,018	82	3.9
TOLLAND	143	141	2	1.4
TOPSFIELD	3,119	3,052	67	2.1
TOWNSEND	4,521	4,386	135	3.0
TRURO	766	610	156	20.4
TYNGSBOROUGH	4,871	4,677	194	4.0
TYRINGHAM	240	238	2	0.8
UPTON	2,371	2,282	89	3.8
UXBRIDGE	4,921	4,735	186	3.8
WAKEFIELD	14,410	13,945	465	3.2
WALES	534	507	27	5.1
WALPOLE	10,985	10,534	451	4.1
WALTHAM	33,919	32,901	1,018	3.0
WARE	3,599	3,438	161	4.5
WAREHAM	9,909	9,231	678	6.8
WARREN	1,487	1,349	138	9.3
WARWICK	236	222	14	5.9
WASHINGTON	316	302	14	4.4
WATERTOWN	20,168	19,708	460	2.3
WAYLAND	7,025	6,896	129	1.8
WEBSTER	8,139	7,665	474	5.8
WELLESLEY	14,132	13,964	168	1.2
WELLFLEET	1,256	1,121	135	10.7
WENDELL	401	367	34	8.5
WENHAM	2,183	2,148	35	1.6
WEST BOYLSTON	3,506	3,401	105	3.0
WEST BRIDGEWATER	3,483	3,345	138	4.0

JANUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,327	1,257	70	5.3
WEST NEWBURY	1,611	1,571	40	2.5
WEST SPRINGFIELD	14,503	14,077	426	2.9
WEST STOCKBRIDGE	761	722	39	5.1
WEST TISBURY	789	782	7	0.9
WESTBOROUGH	8,173	8,010	163	2.0
WESTFIELD	18,328	17,717	611	3.3
WESTFORD	9,092	8,800	292	3.2
WESTHAMPTON	789	781	8	1.0
WESTMINSTER	2,796	2,654	142	5.1
WESTON	5,745	5,669	76	1.3
WESTPORT	6,906	6,569	337	4.9
WESTWOOD	7,039	6,899	140	2.0
WEYMOUTH	30,991	29,975	1,016	3.3
WHATELY	1,019	958	61	6.0
WHITMAN	7,286	7,004	282	3.9
WILBRAHAM	6,342	6,182	160	2.5
WILLIAMSBURG	1,495	1,447	48	3.2
WILLIAMSTOWN	3,940	3,888	52	1.3
WILMINGTON	9,497	9,183	314	3.3
WINCHENDON	3,301	3,076	225	6.8
WINCHESTER	10,960	10,750	210	1.9
WINDSOR	352	333	19	5.4
WINTHROP	10,803	10,520	283	2.6
WOBURN	22,408	21,665	743	3.3
WORCESTER	83,685	80,499	3,186	3.8
WORTHINGTON	634	605	29	4.6
WRENTHAM	3,964	3,835	129	3.3
YARMOUTH	9,774	9,252	522	5.3

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	JAN 89	DEC 88	JAN 88	JAN 89	DEC 88	JAN 88
MASSACHUSETTS	9,201	5,356	6,888	76,717	59,480	69,518
MAJOR LABOR AREAS						
BOSTON PMSA	3,625	3,525	3,263	29,888	23,928	26,078
BROCKTON PMSA	311	300	270	2,575	1,963	2,120
FALL RIVER PMSA[3]	599	868	666	4,091	3,069	4,158
FITCHBURG-LEOMINSTER MSA	176	208	178	1,517	1,189	1,196
LAWRENCE-HAVERHILL PMSA[4]	480	289	486	4,573	3,697	3,616
LOWELL PMSA[4]	364	225	439	3,334	2,712	2,675
NEW BEDFORD MSA	499	727	572	4,153	3,103	3,986
PITTSFIELD MSA	124	141	161	1,521	1,263	1,297
SPRINFIELD MSA	418	437	373	3,615	2,790	3,144
SALEM-GLOUCESTER PMSA	743	824	807	6,087	4,771	5,368
WORCESTER MSA	643	570	524	4,806	3,437	4,405
OTHER LABOR AREAS						
AMHERST LMA	29	29	37	273	195	235
ATHOL LMA	74	40	60	510	350	411
BARNSTABLE COUNTY LMA	506	442	482	4,770	3,739	4,110
BALANCE OF WESTERN MA EA	29	34	36	246	160	226
DUKES COUNTY LMA	30	28	26	246	189	208
GARDNER LMA	50	69	85	605	463	455
GREAT BARRINGTON LMA	17	20	23	220	142	195
GREENFIELD LMA	88	95	80	784	521	594
NANTUCKET LMA	17	3	14	85	49	79
NORTH ADAMS LMA	72	68	96	760	510	675
SOUTHBRIDGE LMA	43	67	66	408	313	419
TAUNTON LMA	232	189	242	1,156	669	1,066
WARE LMA	37	42	43	312	215	316

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Department of
Employment
and Training

Employment Review

FEBRUARY 1989

JOB LEVELS POST MINOR GAINS

The Commonwealth added 10,600 nonagricultural jobs in February 1989 from the level in the prior month. Statewide employment rose to 3,104,900. However, the growth in the number of jobs was only about half of the increase that took place between January and February one year ago.

- The Service division recorded the largest over the month increase in employment rising by 20,900 jobs in February. Much of this job growth occured in educational services with the end of semester break for both students and faculty. This division also displayed the greatest increase in jobs over the year, up by 38,500 representing over 75 percent of the total job growth from February 1988.
- Other divisions experiencing over the month growth were government and transportation, communication and public utilities. Finance, insurance, and real estate registered no change.
- Over the month employment declines were posted by trade, construction, and manufacturing. Manufacturing declined over the year, down 7,800.

UNEMPLOYMENT UP SLIGHTLY

The Commonwealth recorded a seasonally adjusted unemployment rate of 3.5 percent in February 1989, up slightly from 3.3 percent a month earlier, but still indicative of a strong labor market. Nationally, unemployment moved in the opposite direction, dropping to 5.1 percent from 5.4 percent in the prior month.

- With an unemployment rate of 3.5 percent, the Commonwealth ranked second among the eleven large states. North Carolina was first at 3.2 percent. The highest rates were experienced by Texas and Michigan at 7.1 percent and 6.9 percent respectively.
- The national rate was the lowest in nearly 15 years, and was at a level last seen in the seventies. This low rate in an indicator of an economy where the jobs are expanding.
- The lowest unemployment rate among the major labor market areas was the Boston PMSA at 3.2 percent, followed by the Worcester MSA and the Salem-Gloucester PMSA both at 3.5 percent.

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3104.9	3094.3	3053.9	10.6	0.3	51.0	1.7
Manufacturing	579.4	581.2	587.2	-1.8	-0.3	-7.8	-1.3
Durable Goods	382.6	383.9	389.4	-1.3	-0.3	-6.8	-1.7
Lumber & Furniture	12.1	12.1	12.9	0.0	****	-0.8	-6.2
Stone, Clay & Glass	10.9	10.9	10.5	0.0	****	0.4	3.8
Primary Metals	15.6	15.5	15.6	0.1	0.6	0.0	****
Fabricated Metals	40.8	40.8	41.0	0.0	****	-0.2	-0.5
Cutlery, Hand tools, Hardware	8.4	8.4	9.1	0.0	****	-0.7	-7.7
Machinery, except electrical	100.3	100.8	100.3	-0.5	-0.5	0.0	****
Metalworking machinery	13.3	13.4	13.2	-0.1	-0.7	0.1	0.8
Special industry machinery	11.0	11.0	11.2	0.0	****	-0.2	-1.8
* Office Computing, & Accounting Machines	54.9	55.2	54.1	-0.3	-0.5	0.8	1.5
Electrical & Electronic machinery, equip., etc.	99.5	100.3	103.6	-0.8	-0.8	-4.1	-4.0
Communications equipment	36.6	36.8	38.6	-0.2	-0.5	-2.0	-5.2
Electronic components	39.0	39.6	40.7	-0.6	-1.5	-1.7	-4.2
Transportation equipment	31.5	31.5	31.8	0.0	****	-0.3	-0.9
Instruments	53.0	53.3	54.4	-0.3	-0.6	-1.4	-2.6
Measuring & Control devices	20.7	21.0	20.2	-0.3	-1.4	0.5	2.5
Miscellaneous Manufacturing Industries	18.9	18.7	19.3	0.2	1.1	-0.4	-2.1
Jewelry	7.3	7.1	7.5	0.2	2.8	-0.2	-2.7
Nondurable Goods	196.8	197.3	197.8	-0.5	-0.3	-1.0	-0.5
Food & kindred products	20.9	21.2	21.1	-0.3	-1.4	-0.2	-0.9
Textile mill products	15.6	15.5	16.7	0.1	0.6	-1.1	-6.6
Apparel	23.5	23.4	24.3	0.1	0.4	-0.8	-3.3
Mens & Boys suits, coats & furnishings	6.2	6.2	6.5	0.0	****	-0.3	-4.6
Paper & allied products	25.0	25.3	24.6	-0.3	-1.2	0.4	1.6
Printing & Publishing	56.4	56.5	55.5	-0.1	-0.2	0.9	1.6
Chemicals	18.8	18.6	18.2	0.2	1.1	0.6	3.3
Rubber & miscellaneous Plastic products	27.0	27.0	27.3	0.0	****	-0.3	-1.1
Miscellaneous Plastic products	20.8	20.8	21.1	0.0	****	-0.3	-1.4
Leather & Leather products	8.3	8.5	8.7	-0.2	-2.4	-0.4	-4.6
Footwear, except rubber	3.8	3.9	4.2	-0.1	-2.6	-0.4	-9.5
Mining	1.2	1.4	1.4	-0.2	-14.3	-0.2	-14.3
Construction	130.1	134.3	124.6	-4.2	-3.1	5.5	4.4
Transportation, Communication & Public Utilities	134.6	134.3	132.3	0.3	0.2	2.3	1.7
Wholesale & Retail trade	717.8	724.5	712.8	-6.7	-0.9	5.0	0.7
Wholesale Trade	179.8	180.0	174.0	-0.2	-0.1	5.8	3.3
Retail Trade	538.0	544.5	538.8	-6.5	-1.2	-0.8	-0.1
Finance, Insurance & Real Estate	227.3	227.3	220.0	0.0	****	7.3	3.3
Banking	65.0	65.5	64.5	-0.5	-0.8	0.5	0.8
Services	906.4	885.5	867.9	20.9	2.4	38.5	4.4
Health Services	252.8	252.3	246.7	0.5	0.2	6.1	2.5
Educational Services	122.3	105.1	120.3	17.2	16.4	2.0	1.7
Government	408.1	405.8	407.7	2.3	0.6	0.4	0.1
Federal	62.7	62.1	62.8	0.6	1.0	-0.1	-0.2
U.S. Postal Service	27.3	27.5	26.8	-0.2	-0.7	0.5	1.9
State	101.3	100.4	102.2	0.9	0.9	-0.9	-0.9
Educational services	23.5	22.7	26.9	0.8	3.5	-3.4	-12.6
Local	244.1	243.3	242.7	0.8	0.3	1.4	0.6
Educational services	140.3	139.0	139.2	1.3	0.9	1.1	0.8
Other Local	103.8	104.3	103.5	-0.5	-0.5	0.3	0.3
* High Technology Manufacturing	232.3	233.7	237.6	-1.4	-0.6	-5.3	-2.2
* High Technology Nonmanufacturing	91.2	90.6	87.7	0.6	0.7	3.5	4.0

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1754.0	1746.0	1718.6	8.0	0.5	35.4	2.1
Manufacturing	267.2	268.2	270.3	-1.0	-0.4	-3.1	-1.1
Durable Goods	189.9	190.8	193.2	-0.9	-0.5	-3.3	-1.7
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	15.3	15.3	15.7	0.0	****	-0.4	-2.5
Machinery, except electrical	44.8	45.0	46.2	-0.2	-0.4	-1.4	-3.0
Electrical & Electronic machinery,equip.,etc.	56.1	56.3	57.9	-0.2	-0.4	-1.8	-3.1
Transportation equipment	19.8	19.8	18.9	0.0	****	0.9	4.8
Instruments	39.4	39.8	40.0	-0.4	-1.0	-0.6	-1.5
Nondurable Goods	77.3	77.4	77.1	-0.1	-0.1	0.2	0.3
Food & kindred products	10.9	11.0	10.7	-0.1	-0.9	0.2	1.9
Textile mill products	1.9	2.0	2.3	-0.1	-5.0	-0.4	-17.4
Apparel	5.6	5.7	6.2	-0.1	-1.8	-0.6	-9.7
Paper & allied products	6.7	6.7	6.7	0.0	****	0.0	****
Printing & Publishing	34.2	34.1	32.9	0.1	0.3	1.3	4.0
Chemicals	8.0	7.9	7.9	0.1	1.3	0.1	1.3
Rubber & miscellaneous Plastic products	7.2	7.2	7.4	0.0	****	-0.2	-2.7
Leather & Leather products	2.2	2.2	2.4	0.0	****	-0.2	-8.3
Mining	0.9	0.9	[illegible]	0.0	****	0.1	12.5
Construction	66.9	68.6	64.0	-1.7	-2.5	2.9	4.5
Transportation, Communication & Public Utilities	76.6	76.3	75.5	0.3	0.4	1.1	1.5
Wholesale & Retail trade	385.4	391.3	385.7	-5.9	-1.5	-0.3	-0.1
Finance, Insurance & Real Estate	156.1	156.5	151.3	-0.4	-0.3	4.8	3.2
Banking	43.8	44.1	43.1	-0.3	-0.7	0.7	1.6
Insurance	34.5	34.5	35.2	0.0	****	-0.7	-2.0
Services	591.6	575.0	565.8	16.6	2.9	25.8	4.6
Health Services	146.2	145.5	140.5	0.7	0.5	5.7	4.1
Educational Services	91.9	79.2	91.7	12.7	16.0	0.2	0.2
Government	209.3	209.2	205.2	0.1	****	4.1	2.0
Federal	37.7	37.9	38.2	-0.2	-0.5	-0.5	-1.3
U.S. Postal Service	15.1	15.3	15.0	-0.2	-1.3	0.1	0.7
Federal Hospitals	5.0	5.0	5.0	0.0	****	0.0	****
State	50.0	51.3	50.3	-1.3	-2.5	-0.3	-0.6
State Hospitals	5.0	5.0	4.8	0.0	****	0.2	4.2
Educational services	8.6	8.4	8.4	0.2	2.4	0.2	2.4
Local	121.6	120.0	116.7	1.6	1.3	4.9	4.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.7	240.1	238.6	0.6	0.2	2.1	0.9
Manufacturing	50.6	50.7	51.0	-0.1	-0.2	-0.4	-0.8
Durable Goods	25.5	25.6	25.7	-0.1	-0.4	-0.2	-0.8
Fabricated Metals	6.9	7.0	6.9	-0.1	-1.4	0.0	****
Machinery, except electrical	6.1	6.2	6.1	-0.1	-1.6	0.0	****
Nondurable Goods	25.1	25.1	25.3	0.0	****	-0.2	-0.8
Textile mill products	1.5	1.5	1.6	0.0	****	-0.1	-6.3
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.2	8.3	7.9	-0.1	-1.2	0.3	3.8
Printing & Publishing	6.5	6.5	6.6	0.0	****	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.5	9.8	8.6	-0.3	-3.1	0.9	10.5
Transportation, Communication & Public Utilities	10.3	10.2	9.7	0.1	1.0	0.6	6.2
Wholesale & Retail trade	56.7	57.4	56.1	-0.7	-1.2	0.6	1.1
Finance, Insurance & Real Estate	15.4	15.4	15.8	0.0	****	-0.4	-2.5
Services	59.6	58.1	57.9	1.5	2.6	1.7	2.9
Government	38.5	38.4	39.4	0.1	0.3	-0.9	-2.3
Federal	6.1	6.2	6.1	-0.1	-1.6	0.0	****
State	8.6	8.2	8.6	0.4	4.9	0.0	****
Local	23.8	24.0	24.7	-0.2	-0.8	-0.9	-3.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	212.1	210.6	203.2	1.5	0.7	8.9	4.4
Manufacturing	45.8	45.5	44.7	0.3	0.7	1.1	2.5
Durable Goods	30.3	30.1	29.5	0.2	0.7	0.8	2.7
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.4	7.3	6.9	0.1	1.4	0.5	7.2
Machinery, except electrical	9.9	9.9	9.9	0.0	****	0.0	****
Nondurable Goods	15.5	15.4	15.2	0.1	0.6	0.3	2.0
Textile mill products	2.5	2.4	2.6	0.1	4.2	-0.1	-3.8
Leather & Leather products	0.6	0.6	0.7	0.0	****	-0.1	-14.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.6	10.1	8.9	-0.5	-5.0	0.7	7.9
Transportation, Communication & Public Utilities	9.6	9.6	9.3	0.0	****	0.3	3.2
Wholesale & Retail trade	51.3	51.9	49.2	-0.6	-1.2	2.1	4.3
Finance, Insurance & Real Estate	14.9	14.8	14.2	0.1	0.7	0.7	4.9
Services	55.4	53.7	51.7	1.7	3.2	3.7	7.2
Government	25.4	24.9	25.1	0.5	2.0	0.3	1.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	JAN 1988	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	74.3	74.1	72.4	0.2	0.3	1.9	2.6
Manufacturing	11.2	11.1	11.0	0.1	0.9	0.2	1.8
Durable Goods	6.2	6.3	6.0	-0.1	-1.6	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	5.0	4.8	5.0	0.2	4.2	0.0	****
Construction	3.7	3.7	3.5	0.0	****	0.2	5.7
Transportation, Communication & Public Utilities	5.0	5.0	5.3	0.0	****	-0.3	-5.7
Wholesale & Retail trade	22.5	22.7	21.9	-0.2	-0.9	0.6	2.7
Finance, Insurance & Real Estate	3.4	3.4	3.2	0.0	****	0.2	6.3
Services	16.1	15.8	15.2	0.3	1.9	0.9	5.9
Government	12.4	12.4	12.3	0.0	****	0.1	0.8
Federal	3.3	3.3	3.0	0.0	****	0.3	10.0
State	2.8	2.7	2.7	0.1	3.7	0.1	3.7
Local	6.3	6.4	6.6	-0.1	-1.6	-0.3	-4.5
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.4	163.8	162.1	0.6	0.4	2.3	1.4
Manufacturing	48.7	49.2	50.2	-0.5	-1.0	-1.5	-3.0
Durable Goods	34.3	34.5	36.1	-0.2	-0.6	-1.8	-5.0
Nondurable Goods	14.4	14.7	14.1	-0.3	-2.0	0.3	2.1
Leather & Leather products	1.7	1.9	1.8	-0.2	-10.5	-0.1	-5.6
Construction	7.3	7.3	7.3	0.0	****	0.0	****
Transportation, Communication & Public Utilities	7.1	7.0	6.7	0.1	1.4	0.4	6.0
Wholesale & Retail trade	36.8	37.3	35.7	-0.5	-1.3	1.1	3.1
Finance, Insurance & Real Estate	6.7	6.7	6.4	0.0	****	0.3	4.7
Services	35.4	34.8	34.3	0.6	1.7	1.1	3.2
Government	22.4	21.5	21.5	0.9	4.2	0.9	4.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1988	FEB 1988	#	%	#	%
***PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	41.6	41.7	41.3	-0.1	-0.2	0.3	0.7
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.8	10.8	11.2	0.0	****	-0.4	-3.6
Machinery	6.4	6.4	6.8	0.0	****	-0.4	-5.9
All other manufacturing	4.4	4.4	4.4	0.0	****	0.0	****
Construction	2.1	2.2	2.0	-0.1	-4.5	0.1	5.0
Transportation, Communication & Public Utilities	1.2	1.2	1.2	0.0	****	0.0	****
Wholesale & Retail trade	10.0	10.1	9.6	-0.1	-1.0	0.4	4.2
Finance, Insurance & Real Estate	1.9	1.9	1.9	0.0	****	0.0	****
Services	10.6	10.6	10.4	0.0	****	0.2	1.9
Government	4.9	4.8	4.9	0.1	2.1	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.0	68.3	66.5	-0.3	-0.4	1.5	2.3
Manufacturing	18.5	18.6	19.7	-0.1	-0.5	-1.2	-6.1
Durable Goods	8.0	8.0	8.5	0.0	****	-0.5	-5.9
Primary & Fabricated Metals	2.4	2.4	2.6	0.0	****	-0.2	-7.7
Nondurable Goods	10.5	10.6	11.2	-0.1	-0.9	-0.7	-6.3
Apparel	5.3	5.4	5.7	-0.1	-1.9	-0.4	-7.0
Construction	3.1	3.3	2.7	-0.2	-6.1	0.4	14.8
Transportation, Communication & Public Utilities	2.9	2.9	2.8	0.0	****	0.1	3.6
Wholesale & Retail trade	16.2	16.4	16.0	-0.2	-1.2	0.2	1.3
Finance, Insurance & Real Estate	2.5	2.5	2.5	0.0	****	0.0	****
Services	14.0	13.9	13.0	0.1	0.7	1.0	7.7
Government	10.8	10.7	9.8	0.1	0.9	1.0	10.2
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	54.7	54.9	54.8	-0.2	-0.4	-0.1	-0.2
Manufacturing	15.1	15.1	16.9	0.0	****	-1.8	-10.7
Textile mill products	3.8	3.7	4.2	0.1	2.7	-0.4	-9.5
All other manufacturing	11.3	11.4	12.7	-0.1	-0.9	-1.4	-11.0
Construction	2.6	2.7	2.1	-0.1	-3.7	0.5	23.8
Transportation, Communication & Public Utilities	1.9	1.9	1.9	0.0	****	0.0	****
Wholesale & Retail trade	14.0	14.2	13.9	-0.2	-1.4	0.1	0.7
Finance, Insurance & Real Estate	3.4	3.4	3.1	0.0	****	0.3	9.7
Services	10.7	10.7	10.1	0.0	****	0.6	5.9
Government	7.0	6.9	6.8	0.1	1.4	0.2	2.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.9	40.7	40.7	0.2	0.5	0.2	0.5
Manufacturing	12.1	12.1	12.0	0.0	****	0.1	0.8
Durable Goods	5.1	5.1	4.9	0.0	****	0.2	4.1
Machinery, except electrical	3.1	3.1	3.0	0.0	****	0.1	3.3
Nondurable Goods	7.0	7.0	7.1	0.0	****	-0.1	-1.4
Rubber & miscellaneous Plastic products	3.6	3.6	3.7	0.0	****	-0.1	-2.7
Construction	2.3	2.3	2.1	0.0	****	0.2	9.5
Transportation, Communication & Public Utilities	1.5	1.5	1.7	0.0	****	-0.2	-11.8
Wholesale & Retail trade	10.2	10.2	10.1	0.0	****	0.1	1.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	8.2	8.1	8.2	0.1	1.2	0.0	****
Government	4.9	4.8	4.9	0.1	2.1	0.0	****
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	109.7	110.0	107.2	-0.3	-0.3	2.5	2.3
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.3	36.6	36.8	-0.3	-0.8	-0.5	-1.4
Construction	5.1	5.2	4.6	-0.1	-1.9	0.5	10.9
Transportation, Communication & Public Utilities	5.4	5.5	4.6	-0.1	-1.8	0.8	17.4
Wholesale & Retail trade	24.1	24.0	22.8	0.1	0.4	1.3	5.7
Finance, Insurance & Real Estate	4.0	3.9	3.9	0.1	2.6	0.1	2.6
Services	20.9	20.9	20.4	0.0	****	0.5	2.5
Government	13.8	13.8	13.9	0.0	****	-0.1	-0.7
***** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	114.4	115.1	110.6	-0.7	-0.6	3.8	3.4
Manufacturing	21.8	22.0	22.4	-0.2	-0.9	-0.6	-2.7
Durable Goods	14.9	15.1	15.3	-0.2	-1.3	-0.4	-2.6
Nondurable Goods	6.9	6.9	7.1	0.0	****	-0.2	-2.8
Construction	5.3	5.6	4.6	-0.3	-5.4	0.7	15.2
Transportation, Communication & Public Utilities	4.0	3.9	3.7	0.1	2.6	0.3	8.1
Wholesale & Retail trade	33.0	33.3	32.2	-0.3	-0.9	0.8	2.5
Finance, Insurance & Real Estate	6.0	6.1	5.4	-0.1	-1.6	0.6	11.1
Services	28.6	28.2	26.8	0.4	1.4	1.8	6.7
Government	15.7	16.0	15.5	-0.3	-1.9	0.2	1.3

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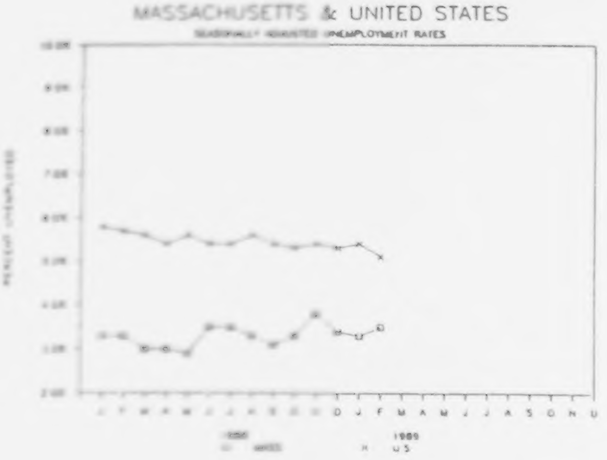
Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

Area	Average Weekly Hours FEB 89	JAN 89	FEB 88	Average Hourly Earnings FEB 89	JAN 89	FEB 88
UNITED STATES	40.7	41.0	40.7	$10.35	$10.32	$10.03
MASSACHUSETTS	41.4	41.4	40.4	10.56	10.53	10.06
BOSTON	41.0	41.2	41.2	11.29	11.26	10.84
BROCKTON	40.0	39.9	40.3	8.78	8.77	8.40
FALL RIVER	37.6	36.6	36.7	8.13	7.96	7.53
LAWRENCE-HAVERHILL	41.0	40.5	40.6	10.53	10.44	9.83
LOWELL	40.8	40.4	42.2	10.40	10.35	10.06
NEW BEDFORD	38.8	37.9	37.4	8.96	8.97	8.67
SPRINGFIELD	42.5	42.7	42.1	9.83	9.85	9.51
WORCESTER	41.4	41.5	39.8	10.68	10.61	10.22

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours FEB 89	JAN 89	FEB 88	Average Hourly Earnings FEB 89	JAN 89	FEB 88
MANUFACTURING	41.4	41.4	40.4	$10.56	$10.53	$10.06
DURABLE GOODS	42.1	42.0	40.8	11.02	10.99	10.50
LUMBER & FURNITURE	39.9	40.6	37.1	8.51	8.33	7.85
STONE, CLAY & GLASS	42.1	41.5	38.8	12.64	12.73	12.23
PRIMARY METALS	42.5	42.4	41.3	10.48	10.53	10.08
FABRICATED METALS	42.0	42.3	41.8	11.22	11.04	10.62
CUTLERY, ETC.	45.1	46.3	44.9	11.57	11.61	11.21
MACHINERY, EX. ELEC.	42.2	42.2	42.1	11.25	11.13	10.74
METALWORKING MACH.	44.2	44.1	43.8	11.28	11.35	11.17
SPECIAL INDU. MACH.	44.1	43.8	43.3	12.20	12.03	12.13
ELEC. & ELECTRON. MACH.	40.8	40.8	41.9	10.49	10.57	10.13
COMMUNICATIONS EQUIP.	42.2	41.1	42.8	10.89	11.00	10.51
ELECTRONIC COMP.	40.9	41.3	41.6	10.65	10.59	10.11
TRANSPORTATION EQUIP.	43.0	43.0	42.2	13.17	13.19	12.54
INSTRUMENTS	43.6	43.2	37.2	11.37	11.37	10.77
MEAS. & CONTROL DEVICES	45.5	45.3	45.4	8.90	8.87	8.65
MISC. MANUFAC. IND.	42.9	42.3	40.7	9.54	9.41	8.81
JEWELRY	42.1	41.1	40.0	8.57	8.63	7.74
NONDURABLE GOODS	40.4	40.5	39.7	9.81	9.79	9.44
FOOD & KINDRED PROD.	40.3	40.9	39.0	10.41	10.32	9.92
TEXTILE MILL PROD.	43.9	43.9	41.8	9.25	9.11	8.43
APPAREL	38.7	38.4	38.6	7.12	7.03	6.58
MENS & BOYS SUITS	38.6	39.2	38.2	7.67	7.51	7.15
PAPER & ALLIED PRODUCTS	43.9	44.3	44.7	10.53	10.59	10.16
PRINTING & PUBLISHING	37.8	38.0	36.8	10.80	10.86	10.46
CHEMICALS	40.7	40.8	42.1	12.09	12.10	11.83
RUBBER & PLASTIC PROD.	41.5	41.8	41.1	9.40	9.31	9.41
MISC. PLAS. PROD.	39.8	39.9	40.7	9.25	9.06	9.21
LEATHER & LEATHER PROD.	37.5	37.1	35.9	7.78	7.83	7.60
FOOTWEAR, EX. RUBBER	36.2	36.3	36.7	6.97	6.80	6.7Q8


MASSACHUSETTS & UNITED STATES

SEASONALLY ADJUSTED UNEMPLOYMENT RATES

(continued from page 1)

- The highest rates were in the Fall River PMSA with 6.9 percent and the New Bedford MSA at 6.6 percent.

ANNUAL AVERAGE UNEMPLOYMENT

The 1988 annual average unemployment rate for Massachusetts was 3.3 percent, the lowest among the eleven large states. In second place was North Carolina at 3.6 percent. The national annual average rate for 1988 was 5.5 percent.

- Among the major labor market areas, the lowest annual average unemployment rates were in the Boston PMSA at 2.8 percent, the Worcester MSA at 3.0 percent, and the Salem-Gloucester PMSA at 3.2 percent. The highest annual average rates were recorded in the Fall River PMSA at 5.4 percent and the New Bedford MSA at 5.0 percent.

- The smaller labor areas with the lowest annual average unemployment rates for 1988 were the Nantucket County LMA at 1.5 percent, the Great Barrington LMA at 2.6 percent, and the Amherst LMA at 2.7 percent. Highest among the small areas was the Athol LMA at 5.6 percent.

The table below presents annual average unemployment rates for the U. S. and Massachusetts for the 1980's to date. As can be seen in this table the Massachusetts unemployment rate has been well below the national rate for the entire period. In fact, in recent years the state rate has been close to one half the rate experienced by the country as a whole.

ANNUAL AVERAGE
UNEMPLOYMENT RATES
MASSACHUSETTS vs UNITED STATES
1980 - 1988

YEAR	MASS	U.S.
1980	5.5	7.1
1981	6.4	7.6
1982	7.9	9.7
1983	6.9	9.6
1984	4.8	7.5
1985	3.9	7.2
1986	3.8	7.0
1987	3.2	6.2
1988	3.3	5.5

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	February 1989	January 1989	February 1988
United States	5.1	5.4	5.7
Massachusetts	3.5	3.3	3.3
Labor Force	3,205.0	3,166.0	3,141.0
Employed	3,094.0	3,063.0	3,038.0
Unemployed	111.0	103.0	103.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
UNITED STATES			
LABOR FORCE	121,906,000	129,404,000	119,942,000
EMPLOYMENT	115,023,000	122,095,000	112,460,000
UNEMPLOYMENT	6,883,000	7,309,000	7,482,000
PERCENT UNEMPLOYED	5.6	5.6	6.2
MASSACHUSETTS			
LABOR FORCE	3,162,400	3,139,200	3,098,000
EMPLOYMENT	3,038,300	3,019,900	2,981,700
UNEMPLOYMENT	124,100	119,300	116,300
PERCENT UNEMPLOYED	3.9	3.8	3.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,566,400	1,554,340	1,539,490
EMPLOYMENT	1,517,020	1,506,510	1,492,310
UNEMPLOYMENT	49,380	47,830	47,190
PERCENT UNEMPLOYED	3.2	3.1	3.1
BROCKTON PMSA			
LABOR FORCE	99,720	99,020	97,200
EMPLOYMENT	95,330	94,800	93,230
UNEMPLOYMENT	4,390	4,220	3,970
PERCENT UNEMPLOYED	4.4	4.3	4.1
FALL RIVER PMSA			
LABOR FORCE	76,510	76,130	76,510
EMPLOYMENT	71,240	70,870	71,210
UNEMPLOYMENT	5,280	5,250	5,300
PERCENT UNEMPLOYED	6.9	6.9	6.9
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	46,980	46,470	47,370
EMPLOYMENT	44,580	44,110	45,390
UNEMPLOYMENT	2,400	2,360	1,980
PERCENT UNEMPLOYED	5.1	5.1	4.2
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	187,130	185,250	185,730
EMPLOYMENT	178,390	176,990	177,630
UNEMPLOYMENT	8,750	8,260	8,100
PERCENT UNEMPLOYED	4.7	4.5	4.4
LOWELL PMSA			
LABOR FORCE	154,620	153,610	150,490
EMPLOYMENT	148,450	147,650	145,190
UNEMPLOYMENT	6,170	5,960	5,300
PERCENT UNEMPLOYED	4.0	3.9	3.5
NEW BEDFORD MSA			
LABOR FORCE	87,480	87,350	84,950
EMPLOYMENT	81,710	81,800	79,360
UNEMPLOYMENT	5,770	5,550	5,590
PERCENT UNEMPLOYED	6.6	6.4	6.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
PITTSFIELD MSA			
LABOR FORCE	40,070	40,010	39,750
EMPLOYMENT	37,790	37,820	37,680
UNEMPLOYMENT	2,270	2,200	2,070
PERCENT UNEMPLOYED	5.7	5.5	5.2
SALEM-GLOUCESTER PMSA			
LABOR FORCE	154,320	154,440	149,990
EMPLOYMENT	148,930	149,150	144,640
UNEMPLOYMENT	5,390	5,290	5,340
PERCENT UNEMPLOYED	3.5	3.4	3.6
SPRINGFIELD MSA			
LABOR FORCE	252,380	250,620	250,950
EMPLOYMENT	242,270	241,010	241,490
UNEMPLOYMENT	10,120	9,610	9,470
PERCENT UNEMPLOYED	4.0	3.8	3.8
WORCESTER MSA			
LABOR FORCE	228,500	226,110	219,920
EMPLOYMENT	220,390	218,250	212,360
UNEMPLOYMENT	8,110	7,870	7,560
PERCENT UNEMPLOYED	3.5	3.5	3.4
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,630	32,030	31,690
EMPLOYMENT	31,590	31,060	30,650
UNEMPLOYMENT	1,040	970	1,040
PERCENT UNEMPLOYED	3.2	3.0	3.3
ATHOL LMA			
LABOR FORCE	10,450	10,390	10,010
EMPLOYMENT	9,700	9,650	9,370
UNEMPLOYMENT	750	740	640
PERCENT UNEMPLOYED	7.2	7.1	6.4
ATTLEBORO LMA			
LABOR FORCE	48,330	47,420	48,160
EMPLOYMENT	45,110	44,740	45,170
UNEMPLOYMENT	3,220	2,680	2,980
PERCENT UNEMPLOYED	6.7	5.7	6.2
BARNSTABLE LMA			
LABOR FORCE	102,350	101,710	94,240
EMPLOYMENT	95,700	95,270	88,100
UNEMPLOYMENT	6,650	6,440	6,130
PERCENT UNEMPLOYED	6.5	6.3	6.5
DUKES COUNTY LMA			
LABOR FORCE	6,480	6,490	5,550
EMPLOYMENT	6,100	6,140	5,240
UNEMPLOYMENT	380	350	310
PERCENT UNEMPLOYED	5.8	5.4	5.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
GARDNER LMA			
LABOR FORCE	15,290	15,230	14,890
EMPLOYMENT	14,380	14,350	14,150
UNEMPLOYMENT	900	880	750
PERCENT UNEMPLOYED	5.9	5.8	5.0
GREAT BARRINGTON LMA			
LABOR FORCE	8,930	9,040	8,960
EMPLOYMENT	8,600	8,720	8,640
UNEMPLOYMENT	330	310	330
PERCENT UNEMPLOYED	3.7	3.5	3.6
GREENFIELD LMA			
LABOR FORCE	26,750	26,730	26,300
EMPLOYMENT	25,550	25,600	25,330
UNEMPLOYMENT	1,200	1,130	970
PERCENT UNEMPLOYED	4.5	4.2	3.7
NANTUCKET LMA			
LABOR FORCE	4,470	4,330	4,120
EMPLOYMENT	4,320	4,190	4,000
UNEMPLOYMENT	150	140	120
PERCENT UNEMPLOYED	3.4	3.3	2.9
NORTH ADAMS LMA			
LABOR FORCE	19,280	19,140	19,530
EMPLOYMENT	18,240	18,150	18,490
UNEMPLOYMENT	1,050	1,000	1,050
PERCENT UNEMPLOYED	5.4	5.2	5.4
SOUTHBRIDGE LMA			
LABOR FORCE	12,110	12,050	12,700
EMPLOYMENT	11,410	11,440	11,990
UNEMPLOYMENT	700	610	710
PERCENT UNEMPLOYED	5.8	5.1	5.6
TAUNTON LMA			
LABOR FORCE	28,370	28,150	27,760
EMPLOYMENT	26,800	26,620	26,420
UNEMPLOYMENT	1,570	1,530	1,350
PERCENT UNEMPLOYED	5.5	5.4	4.8
WARE LMA			
LABOR FORCE	8,760	8,570	8,260
EMPLOYMENT	8,260	8,110	7,770
UNEMPLOYMENT	510	460	490
PERCENT UNEMPLOYED	5.8	5.4	5.9
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,670	9,760	8,720
EMPLOYMENT	9,240	9,370	8,310
UNEMPLOYMENT	430	400	410
PERCENT UNEMPLOYED	4.5	4.0	4.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT MASSACHUSETTS CITIES AND TOWNS

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,713	7,410	303	3.9
ACTON	10,173	9,978	195	1.9
ACUSHNET	5,253	4,951	302	5.7
ADAMS	5,001	4,732	269	5.4
AGAWAM	14,360	13,911	449	3.1
ALFORD	223	219	4	1.8
AMESBURY	7,335	7,044	291	4.0
AMHERST	20,428	19,994	434	2.1
ANDOVER	13,911	13,553	358	2.6
ARLINGTON	26,540	25,966	574	2.2
ASHBURNHAM	2,396	2,300	96	4.0
ASHBY	1,249	1,213	36	2.9
ASHFIELD	908	868	40	4.4
ASHLAND	7,183	6,950	233	3.2
ATHOL	4,580	4,230	350	7.6
ATTLEBORO	18,178	16,874	1,304	7.2
AUBURN	8,961	8,668	293	3.3
AVON	2,914	2,814	100	3.4
AYER	3,588	3,431	157	4.4
BARNSTABLE	21,157	19,551	1,606	7.6
BARRE	2,439	2,315	124	5.1
BECKET	808	757	51	6.3
BEDFORD	6,899	6,728	171	2.5
BELCHERTOWN	4,780	4,595	185	3.9
BELLINGHAM	7,735	7,382	353	4.6
BELMONT	14,155	13,898	257	1.8
BERKLEY	1,890	1,761	129	6.8
BERLIN	1,333	1,256	77	5.8
BERNARDSTON	1,025	977	48	4.7
BEVERLY	22,570	21,974	596	2.6
BILLERICA	23,344	22,473	871	3.7
BLACKSTONE	3,459	3,139	320	9.3
BLANDFORD	618	599	19	3.1
BOLTON	1,688	1,627	61	3.6
BOSTON	303,104	292,541	10,563	3.5
BOURNE	7,637	7,226	411	5.6
BOXBOROUGH	2,081	2,033	48	2.3
BOXFORD	3,040	2,977	63	2.1
BOYLSTON	2,229	2,159	70	3.1
BRAINTREE	19,471	18,935	536	2.8
BREWSTER	3,503	3,338	165	4.7
BRIDGEWATER	9,592	9,225	367	3.8
BRIMFIELD	1,121	1,050	71	6.3
BROCKTON	49,335	46,794	2,541	5.2
BROOKFIELD	1,589	1,500	89	5.6
BROOKLINE	32,535	32,046	489	1.5
BUCKLAND	998	982	16	1.6
BURLINGTON	13,892	13,447	445	3.2
CAMBRIDGE	54,488	53,157	1,331	2.4
CANTON	10,490	10,174	316	3.0
CARLISLE	2,253	2,213	40	1.8
CARVER	4,702	4,484	218	4.6
CHARLEMONT	667	631	36	5.4
CHARLTON	4,441	4,199	242	5.4
CHATHAM	3,254	3,121	133	4.1
CHELMSFORD	19,864	19,325	539	2.7
CHELSEA	11,783	11,175	608	5.2
CHESHIRE	1,690	1,585	105	6.2
CHESTER	586	556	30	5.1
CHESTERFIELD	661	626	35	5.3
CHICOPEE	28,988	27,819	1,169	4.0
CHILMARK	374	360	14	3.7
CLARKSBURG	932	916	16	1.7
CLINTON	7,079	6,758	321	4.5
COHASSET	3,942	3,808	134	3.4
COLRAIN	904	852	52	5.8
CONCORD	9,251	9,094	157	1.7
CONWAY	844	807	37	4.4
CUMMINGTON	433	414	19	4.4
DALTON	3,234	3,096	138	4.3
DANVERS	14,724	14,356	368	2.5
DARTMOUTH	14,013	13,255	758	5.4
DEDHAM	13,849	13,390	459	3.3
DEERFIELD	2,908	2,794	114	3.9
DENNIS	7,025	6,655	370	5.3
DIGHTON	2,825	2,705	120	4.2
DOUGLAS	2,501	2,369	132	5.3
DOVER	2,478	2,445	33	1.3
DRACUT	15,445	14,825	620	4.0
DUDLEY	5,225	5,038	187	3.6
DUNSTABLE	1,276	1,231	45	3.5
DUXBURY	6,828	6,659	169	2.5
EAST BRIDGEWATER	5,459	5,249	210	3.8
EAST BROOKFIELD	1,021	965	56	5.5
EAST LONGMEADOW	6,341	6,173	168	2.6
EASTHAM	2,436	2,266	170	7.0
EASTHAMPTON	8,695	8,401	294	3.4
EASTON	10,803	10,504	299	2.8
EDGARTOWN	1,869	1,704	165	8.8
EGREMONT	791	773	18	2.3
ERVING	573	551	22	3.8
ESSEX	1,783	1,693	90	5.0
EVERETT	19,056	18,180	876	4.6
FAIRHAVEN	8,024	7,634	390	4.9
FALL RIVER	43,028	39,297	3,731	8.7
FALMOUTH	14,136	13,475	661	4.7
FITCHBURG	18,645	17,605	1,040	5.6
FLORIDA	399	334	65	16.3
FOXBOROUGH	8,263	8,032	231	2.8
FRAMINGHAM	39,593	38,498	1,095	2.8
FRANKLIN	10,350	9,944	406	3.9
FREETOWN	4,298	4,080	218	5.1
GARDNER	8,434	7,986	448	5.3
GAY HEAD	115	103	12	10.4
GEORGETOWN	3,092	2,998	94	3.0
GILL	760	742	18	2.4
GLOUCESTER	16,159	14,958	1,201	7.4
GOSHEN	450	436	14	3.1
GOSNOLD	32	30	2	6.3
GRAFTON	7,142	6,961	181	2.5
GRANBY	2,814	2,707	107	3.8
GRANVILLE	752	715	37	4.9
GREAT BARRINGTON	3,888	3,707	181	4.7
GREENFIELD	9,698	9,305	393	4.1
GROTON	3,925	3,827	98	2.5
GROVELAND	2,719	2,624	95	3.5
HADLEY	3,175	3,038	137	4.3
HALIFAX	3,005	2,866	139	4.6
HAMILTON	4,209	4,132	77	1.8
HAMPDEN	2,284	2,183	101	4.4
HANCOCK	323	313	10	3.1
HANOVER	6,151	5,981	170	2.8
HANSON	4,480	4,299	181	4.0
HARDWICK	985	912	73	7.4
HARVARD	3,467	3,412	55	1.6
HARWICH	4,848	4,590	258	5.3
HATFIELD	2,351	2,186	165	7.0
HAVERHILL	23,696	22,492	1,204	5.1
HAWLEY	189	186	3	1.6
HEATH	307	295	12	3.9
HINGHAM	10,241	9,988	253	2.5
HINSDALE	844	784	60	7.1
HOLBROOK	6,254	6,050	204	3.3
HOLDEN	7,923	7,783	140	1.8
HOLLAND	706	677	29	4.1
HOLLISTON	7,535	7,350	185	2.5
HOLYOKE	17,919	17,006	913	5.1
HOPEDALE	2,117	2,009	108	5.1
HOPKINTON	5,009	4,866	143	2.9
HUBBARDSTON	915	851	64	7.0
HUDSON	10,700	10,292	408	3.8
HULL	4,787	4,531	256	5.3
HUNTINGTON	912	869	43	4.7
IPSWICH	6,928	6,748	180	2.6
KINGSTON	4,361	4,154	207	4.7
LAKEVILLE	3,642	3,563	79	2.2
LANCASTER	3,219	3,142	77	2.4
LANESBOROUGH	1,614	1,515	99	6.1
LAWRENCE	29,684	27,215	2,469	8.3
LEE	2,952	2,780	172	5.8
LEICESTER	5,522	5,289	233	4.2
LENOX	3,310	3,170	140	4.2
LEOMINSTER	17,413	16,510	903	5.2
LEVERETT	1,218	1,155	63	5.2
LEXINGTON	16,823	16,543	280	1.7
LEYDEN	372	353	19	5.1
LINCOLN	3,518	3,473	45	1.3
LITTLETON	4,142	4,057	85	2.1
LONGMEADOW	7,687	7,569	118	1.5
LOWELL	54,208	51,582	2,626	4.8
LUDLOW	10,530	9,957	573	5.4
LUNENBURG	4,479	4,300	179	4.0
LYNN	40,290	38,459	1,831	4.5
LYNNFIELD	6,191	6,024	167	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	29,077	28,053	1,024	3.5
MANCHESTER	2,962	2,879	83	2.8
MANSFIELD	8,302	8,037	265	3.2
MARBLEHEAD	11,788	11,538	250	2.1
MARION	2,075	1,991	84	4.0
MARLBOROUGH	19,011	18,395	616	3.2
MARSHFIELD	11,990	11,529	461	3.8
MASHPEE	3,513	3,375	138	3.9
MATTAPOISETT	3,221	3,141	80	2.5
MAYNARD	5,812	5,614	198	3.4
MEDFIELD	5,688	5,551	137	2.4
MEDFORD	31,177	30,159	1,018	3.3
MEDWAY	5,231	5,067	164	3.1
MELROSE	15,989	15,524	465	2.9
MENDON	1,946	1,854	92	4.7
MERRIMAC	2,462	2,352	110	4.5
METHUEN	21,422	20,601	821	3.8
MIDDLEBOROUGH	8,401	7,943	458	5.5
MIDDLEFIELD	202	193	9	4.5
MIDDLETON	3,006	2,910	96	3.2
MILFORD	13,576	12,942	634	4.7
MILLBURY	6,663	6,397	266	4.0
MILLIS	4,092	3,947	145	3.5
MILLVILLE	957	889	68	7.1
MILTON	13,219	12,958	261	2.0
MONROE	63	59	4	6.3
MONSON	3,599	3,476	123	3.4
MONTAGUE	4,463	4,214	249	5.6
MONTEREY	581	568	13	2.2
MONTGOMERY	308	302	6	1.9
MOUNT WASHINGTON	72	71	1	1.4
NAHANT	2,215	2,153	62	2.8
NANTUCKET	4,473	4,322	151	3.4
NATICK	18,286	17,807	479	2.6
NEEDHAM	15,464	15,190	274	1.8
NEW ASHFORD	94	94	0	0.0
NEW BEDFORD	48,574	44,593	3,881	8.0
NEW BRAINTREE	323	311	12	3.7
NEW MARLBOROUGH	723	712	11	1.5
NEW SALEM	427	375	52	12.2
NEWBURY	2,926	2,820	106	3.6
NEWBURYPORT	8,860	8,510	350	4.0
NEWTON	48,288	47,392	896	1.9
NORFOLK	3,741	3,608	133	3.6
NORTH ADAMS	8,200	7,591	609	7.4
NORTH ANDOVER	11,346	11,027	319	2.8
NORTH ATTLEBOROUGH	11,943	11,274	669	5.6
NORTH BROOKFIELD	2,288	2,200	88	3.8
NORTH READING	6,966	6,774	192	2.8
NORTHAMPTON	14,253	13,774	479	3.4
NORTHBOROUGH	6,678	6,515	163	2.4
NORTHBRIDGE	6,915	6,683	232	3.4
NORTHFIELD	1,381	1,330	51	3.7
NORTON	7,574	7,270	304	4.0
NORWELL	4,908	4,791	117	2.4
NORWOOD	17,140	16,565	575	3.4
OAK BLUFFS	1,203	1,117	86	7.1
OAKHAM	556	525	31	5.6
ORANGE	2,868	2,653	215	7.5
ORLEANS	3,089	2,933	156	5.1
OTIS	508	462	46	9.1
OXFORD	6,791	6,511	280	4.1
PALMER	6,273	6,004	269	4.3
PAXTON	2,290	2,252	38	1.7
PEABODY	28,096	27,162	934	3.3
PELHAM	982	952	30	3.1
PEMBROKE	7,556	7,263	293	3.9
PEPPERELL	5,488	5,297	191	3.5
PERU	417	404	13	3.1
PETERSHAM	440	431	9	2.0
PHILLIPSTON	480	455	25	5.2
PITTSFIELD	24,323	22,816	1,507	6.2
PLAINFIELD	237	213	24	10.1
PLAINVILLE	3,217	2,986	231	7.2
PLYMOUTH	19,637	18,510	1,127	5.7
PLYMPTON	1,160	1,106	54	4.7
PRINCETON	1,760	1,723	37	2.1
PROVINCETOWN	3,008	2,052	956	31.8
QUINCY	47,522	45,790	1,732	3.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
RANDOLPH	16,695	16,163	532	3.2
RAYNHAM	5,135	4,961	174	3.4
READING	13,195	12,871	324	2.5
REHOBOTH	4,194	3,904	290	6.9
REVERE	23,215	22,215	1,000	4.3
RICHMOND	840	814	26	3.1
ROCHESTER	2,024	1,963	61	3.0
ROCKLAND	8,002	7,664	338	4.2
ROCKPORT	3,451	3,216	235	6.8
ROWE	194	176	18	9.3
ROWLEY	2,782	2,650	132	4.7
ROYALSTON	451	427	24	5.3
RUSSELL	775	752	23	3.0
RUTLAND	2,555	2,485	70	2.7
SALEM	22,693	21,848	845	3.7
SALISBURY	3,560	3,346	214	6.0
SANDISFIELD	385	372	13	3.4
SANDWICH	6,984	6,779	205	2.9
SAUGUS	14,747	14,209	538	3.6
SAVOY	347	332	15	4.3
SCITUATE	9,169	8,912	257	2.8
SEEKONK	6,383	6,047	336	5.3
SHARON	8,367	8,203	164	2.0
SHEFFIELD	1,526	1,473	53	3.5
SHELBURNE	1,066	976	90	8.4
SHERBORN	2,199	2,162	37	1.7
SHIRLEY	2,888	2,739	149	5.2
SHREWSBURY	13,489	13,199	290	2.1
SHUTESBURY	951	921	30	3.2
SOMERSET	9,681	9,255	426	4.4
SOMERVILLE	40,767	39,458	1,309	3.2
SOUTH HADLEY	8,679	8,405	274	3.2
SOUTHAMPTON	2,374	2,286	88	3.7
SOUTHBOROUGH	3,688	3,590	98	2.7
SOUTHBRIDGE	6,680	6,263	417	6.2
SOUTHWICK	4,145	3,968	177	4.3
SPENCER	6,338	6,069	269	4.2
SPRINGFIELD	67,482	64,128	3,354	5.0
STERLING	3,809	3,703	106	2.8
STOCKBRIDGE	1,261	1,234	27	2.1
STONEHAM	13,005	12,597	408	3.1
STOUGHTON	15,381	14,833	548	3.6
STOW	3,176	3,103	73	2.3
STURBRIDGE	3,061	2,909	152	5.0
SUDBURY	7,687	7,525	162	2.1
SUNDERLAND	2,503	2,364	139	5.6
SUTTON	3,522	3,429	93	2.6
SWAMPSCOTT	7,868	7,672	196	2.5
SWANSEA	8,151	7,721	430	5.3
TAUNTON	23,654	22,331	1,323	5.6
TEMPLETON	2,634	2,456	178	6.8
TEWKSBURY	15,468	14,935	533	3.4
TISBURY	2,098	2,010	88	4.2
TOLLAND	144	142	2	1.4
TOPSFIELD	3,119	3,051	68	2.2
TOWNSEND	4,548	4,416	132	2.9
TRURO	755	614	141	18.7
TYNGSBOROUGH	4,939	4,737	202	4.1
TYRINGHAM	241	239	2	0.8
UPTON	2,390	2,298	92	3.8
UXBRIDGE	4,995	4,776	219	4.4
WAKEFIELD	14,544	14,042	502	3.5
WALES	537	507	30	5.6
WALPOLE	11,024	10,608	416	3.8
WALTHAM	34,202	33,131	1,071	3.1
WARE	3,889	3,700	189	4.9
WAREHAM	9,973	9,289	684	6.9
WARREN	1,579	1,452	127	8.0
WARWICK	234	218	16	6.8
WASHINGTON	313	303	10	3.2
WATERTOWN	20,325	19,846	479	2.4
WAYLAND	7,074	6,944	130	1.8
WEBSTER	8,169	7,732	437	5.3
WELLESLEY	14,215	14,061	154	1.1
WELLFLEET	1,255	1,128	127	10.1
WENDELL	393	361	32	8.1
WENHAM	2,183	2,147	36	1.6
WEST BOYLSTON	3,538	3,430	108	3.1
WEST BRIDGEWATER	3,511	3,384	127	3.6

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,428	1,353	75	5.3
WEST NEWBURY	1,616	1,576	40	2.5
WEST SPRINGFIELD	14,507	14,078	429	3.0
WEST STOCKBRIDGE	739	704	35	4.7
WEST TISBURY	790	779	11	1.4
WESTBOROUGH	8,237	8,079	158	1.9
WESTFIELD	18,315	17,718	597	3.3
WESTFORD	9,210	8,912	298	3.2
WESTHAMPTON	793	784	9	1.1
WESTMINSTER	2,798	2,649	149	5.3
WESTON	5,802	5,709	93	1.6
WESTPORT	6,915	6,567	348	5.0
WESTWOOD	7,086	6,947	139	2.0
WEYMOUTH	31,209	30,185	1,024	3.3
WHATELY	1,018	975	43	4.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
WHITMAN	7,393	7,088	305	4.1
WILBRAHAM	6,360	6,183	177	2.8
WILLIAMSBU	1,521	1,453	68	4.5
WILLIAMSTOWN	3,987	3,926	61	1.5
WILMINGTON	9,607	9,247	360	3.7
WINCHENDON	3,303	3,088	215	6.5
WINCHESTER	11,050	10,825	225	2.0
WINDSOR	351	335	16	4.6
WINTHROP	10,896	10,594	302	2.8
WOBURN	22,586	21,817	769	3.4
WORCESTER	84,389	81,200	3,189	3.8
WORTHINGTON	636	607	29	4.6
WRENTHAM	4,004	3,861	143	3.6
YARMOUTH	9,778	9,310	468	4.8

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	FEB 89	JAN 89	FEB 88	FEB 89	JAN 89	FEB 88
MASSACHUSETTS	7,340	9,187	8,528	81,997	77,112	72,785
MAJOR LABOR AREAS						
BOSTON PMSA	3,002	3,603	2,161	32,057	30,147	27,148
BROCKTON PMSA	235	310	184	2,780	2,588	2,182
FALL RIVER PMSA[3]	439	600	413	4,144	4,090	3,998
FITCHBURG-LEOMINSTER MSA	160	176	85	1,606	1,522	1,195
LAWRENCE-HAVERHILL PMSA[4]	439	479	402	5,033	4,591	3,743
LOWELL PMSA[4]	314	364	206	3,557	3,362	2,667
NEW BEDFORD MSA	428	502	409	4,360	4,148	3,951
PITTSFIELD MSA	88	124	85	1,580	1,533	1,332
SPRINFIELD MSA	336	417	293	3,778	3,627	3,301
SALEM-GLOUCESTER PMSA	528	740	487	6,690	6,118	5,639
WORCESTER MSA	505	640	369	5,175	4,818	4,560
OTHER LABOR AREAS						
AMHERST LMA	30	29	35	322	279	268
ATHOL LMA	39	73	19	531	505	420
BARNSTABLE COUNTY LMA	260	506	237	5,015	4,765	4,311
BALANCE OF WESTERN MA EA	14	24	17	279	240	246
DUKES COUNTY LMA	17	30	5	277	246	199
GARDNER LMA	45	50	38	622	601	448
GREAT BARRINGTON LMA	12	17	11	233	218	208
GREENFIELD LMA	79	88	50	841	787	602
NANTUCKET LMA	12	17	5	107	85	83
NORTH ADAMS LMA	63	71	68	797	763	730
SOUTHBRIDGE LMA	55	43	32	467	408	437
TAUNTON LMA	150	232	83	1,141	1,156	896
WARE LMA	33	37	37	363	316	430

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Employment Review

EMPLOYMENT SUPPLEMENT

This supplemental publication presents revised 1987 and 1988 employment statistics for nonagricultural wage and salary workers for Massachusetts and the eleven major labor market areas. These revisions are based on the 1988 benchmark, an annual adjustment to a more recent, comprehensive count of employment. This correction of the data series is to account for sample variability and other noneconomic changes. The primary source of benchmark information is the employment data received from establishments subject to the Massachusetts Employment Security Law and compiled by the ES 202 Program.

The data in this supplement, which are adjusted to March 1988 levels are being published for the first time. Information for 1988 will be subject to revision with the next benchmark, due to be completed in early 1990.

The characteristics of these statistical programs such as scope, concepts, survey methodology, sample design, and estimating techniques are described in Employment and Earnings (a monthly publication), Employment and Earnings, Annual Supplement and the BLS Handbook of Methods all published by the U.S. Department of Labor, Bureau of Labor Statistics.

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Commonwealth of Massachusetts

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	3,034.7	3,053.9	3,086.5	3,111.9	3,128.6	3,153.5	3,114.3	3,119.3	3,126.0	3,155.4	3,169.3	3,182.3	3,119.6
Manufacturing	586.8	587.2	589.3	588.0	586.7	589.8	577.4	583.0	583.8	584.8	586.1	583.9	585.6
Durable Goods	389.1	389.4	390.8	390.3	390.1	391.7	386.3	387.2	387.1	387.6	387.7	386.0	388.6
Lumber & Furniture	13.0	12.9	12.9	12.9	12.6	12.6	12.1	12.4	12.4	12.3	12.3	12.3	12.6
Stone,Clay & Glass	10.5	10.5	10.8	11.2	11.2	11.5	11.3	11.4	11.4	11.4	11.5	11.4	11.2
Primary Metals	15.2	15.6	15.6	15.5	15.5	15.6	15.1	15.4	15.5	15.5	15.6	15.6	15.5
Fabricated Metals	40.9	41.0	41.3	41.0	40.9	40.9	40.4	40.8	41.1	41.4	41.1	40.9	41.0
Cutlery,Hand tools,Hardware	9.0	9.1	9.1	9.0	9.0	8.8	8.8	8.7	8.8	8.9	8.5	8.5	8.9
Other Fabricated metal products	31.9	31.9	32.2	32.0	31.9	32.1	31.6	32.1	32.3	32.5	32.6	32.4	32.1
Machinery, except electrical	100.3	100.3	100.2	100.1	100.0	100.5	99.6	99.7	99.7	100.1	100.4	100.6	100.1
Metalworking machinery	13.2	13.2	13.2	13.2	13.1	13.2	13.1	13.0	13.2	13.3	13.3	13.3	13.2
Special industry machinery	11.3	11.2	11.2	11.1	11.2	11.3	11.1	11.2	11.1	11.1	11.2	11.1	11.2
Other Machinery, except electrical	75.8	75.9	75.8	75.8	75.7	76.0	75.4	75.5	75.4	75.7	75.9	76.2	75.8
* Office Computing, & Accounting Machines	54.0	54.1	54.0	54.2	54.1	54.4	54.2	54.3	54.2	54.3	54.6	54.8	54.3
Electrical & Electronic machinery,equip.,etc.	103.6	103.6	103.6	103.4	103.1	103.8	101.5	102.0	101.3	100.9	100.9	101.0	102.4
Communications equipment	38.9	38.6	38.5	38.5	38.3	38.7	38.4	38.0	37.5	37.1	36.9	36.9	38.0
Electronic components	40.4	40.7	40.7	40.6	40.5	40.9	40.3	40.0	39.8	39.9	40.0	40.1	40.3
Other Electric and Electronic equipment	24.3	24.3	24.4	24.3	24.3	24.2	22.8	24.0	24.0	23.9	24.0	24.0	24.0
Transportation equipment	32.0	31.8	32.3	32.4	33.3	32.9	32.6	32.1	32.0	32.0	31.9	31.8	32.3
Instruments	54.3	54.4	54.8	54.6	54.4	54.6	54.8	54.7	54.7	54.7	54.7	53.5	54.5
Measuring & Control devices	20.2	20.2	20.4	20.2	20.2	20.4	20.6	20.6	20.5	20.6	20.7	20.8	20.5
Other Instruments and related products	34.1	34.2	34.4	34.4	34.2	34.2	34.2	34.1	34.2	34.1	34.0	32.7	34.1
Miscellaneous Manufacturing Industries	19.3	19.3	19.3	19.2	19.1	19.3	18.9	18.7	19.0	19.3	19.3	18.9	19.1
Jewelry	7.5	7.5	7.4	7.4	7.2	7.2	7.2	7.1	7.2	7.4	7.4	7.3	7.3
Other Miscellaneous manufacturing industrie	11.8	11.8	11.9	11.8	11.9	12.1	11.7	11.6	11.8	11.9	11.9	11.6	11.8
Nondurable Goods	197.7	197.8	198.5	197.7	196.6	198.1	191.1	195.8	196.7	197.2	198.4	197.9	197.0
Food & kindred products	21.1	21.1	20.9	20.7	20.8	20.9	20.5	20.8	21.0	21.3	21.4	21.5	21.0
Textile mill products	16.7	16.7	16.7	16.3	16.1	16.2	15.4	15.7	15.9	15.5	15.8	15.9	16.1
Apparel	24.1	24.3	24.6	24.1	23.9	24.1	21.8	23.8	24.0	23.8	23.9	23.6	23.8
Mens & Boys suits,coats & furnishings	6.5	6.5	6.6	6.4	6.4	6.4	5.9	6.3	6.3	6.3	6.3	6.2	6.3
Other Apparel and textile products	17.6	17.8	18.0	17.7	17.5	17.7	15.9	17.5	17.7	17.5	17.6	17.4	17.5
Paper & allied products	24.9	24.6	24.7	24.7	24.8	24.9	24.0	24.6	24.8	25.1	25.2	25.1	24.8
Printing & Publishing	55.6	55.5	55.8	56.0	55.8	56.3	55.4	55.8	55.7	55.9	56.4	56.5	55.9
Chemicals	18.1	18.2	18.2	18.3	18.2	18.5	18.3	18.3	18.2	18.2	18.1	18.3	18.2
Rubber & miscellaneous Plastic products	27.2	27.3	27.4	27.2	26.6	26.6	25.8	26.4	26.6	27.0	27.2	27.1	26.9
Miscellaneous Plastic products	21.1	21.1	21.2	21.0	20.5	20.5	19.8	20.4	20.5	20.8	20.9	20.9	20.7
Other Rubber and Plastic products	6.1	6.2	6.2	6.2	6.1	6.1	6.0	6.0	6.1	6.2	6.3	6.2	6.1
Leather & Leather products	8.7	8.7	8.8	8.8	8.8	8.9	8.2	8.8	8.8	8.8	8.8	8.5	8.7
Footwear, except rubber	4.2	4.2	4.2	4.3	4.2	4.3	3.8	4.2	4.2	4.1	4.1	3.9	4.1
Other Leather and leather products	4.5	4.5	4.6	4.5	4.6	4.6	4.4	4.6	4.6	4.7	4.7	4.6	4.6
Other nondurable goods	1.3	1.4	1.4	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.6	1.4	1.6
Mining	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7

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MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	126.2	124.6	130.0	139.6	144.4	152.4	152.5	153.7	152.1	150.1	148.0	144.5	143.2
Transportation, Communication & Public Utilities	131.5	132.9	133.2	133.3	134.5	135.8	132.3	132.6	135.6	135.6	135.8	136.3	134.1
Wholesale & Retail Trade	717.1	712.8	716.7	724.3	730.9	742.9	739.2	740.5	735.6	735.1	743.4	756.7	732.9
Wholesale Trade	173.4	174.0	175.1	177.6	178.4	180.2	179.8	180.9	180.3	179.8	180.1	181.4	178.4
Retail Trade	543.7	538.8	541.6	546.7	552.5	562.7	559.4	559.6	555.3	555.3	563.3	575.3	554.5
Finance, Insurance & Real Estate	220.0	220.0	220.7	223.0	224.6	228.3	230.3	230.3	227.3	226.0	226.3	227.9	225.4
Banking	64.6	64.5	64.8	65.2	64.7	65.3	65.3	65.6	64.7	64.6	65.0	65.4	64.9
Other Finance, Insurance and Real Estate	155.6	155.5	155.9	158.3	159.9	163.0	165.0	164.7	162.6	161.4	161.3	162.5	160.5
Services	842.3	867.9	882.6	891.4	895.9	892.7	889.3	891.7	892.7	913.5	914.5	917.9	891.4
Health Services	245.9	246.7	248.0	248.1	248.6	251.8	249.5	250.0	250.2	251.2	252.4	253.9	249.7
Educational Services	105.2	120.3	123.6	123.8	119.4	100.9	96.3	96.1	105.2	123.6	125.2	124.3	113.7
Other Services	491.2	500.9	511.0	519.5	526.9	540.0	543.5	545.6	537.3	538.7	536.9	539.7	528.0
Government	403.9	407.7	412.0	410.7	411.0	409.9	391.6	385.7	397.1	408.5	413.4	413.4	405.4
Federal	61.8	62.8	63.9	63.8	63.5	62.7	62.8	62.6	61.9	62.1	62.0	62.1	62.7
U.S. Postal Service	26.6	26.8	27.2	27.2	27.2	27.3	27.3	27.4	27.2	27.4	27.5	27.5	27.2
Other Federal	35.2	36.0	36.7	36.6	36.3	35.4	35.5	35.2	34.7	34.7	34.5	34.6	35.5
State	100.8	102.2	102.6	102.7	103.2	103.2	104.2	103.3	104.0	104.7	104.4	104.6	103.3
Educational services	25.8	26.9	26.9	26.7	26.2	25.0	24.6	24.2	26.1	26.5	26.6	26.5	26.0
Other State	75.0	75.3	75.7	76.0	77.0	78.2	79.6	79.1	77.9	78.2	77.8	78.1	77.3
Local	241.3	242.7	245.5	244.2	244.3	244.0	224.6	219.8	231.2	241.7	247.0	246.7	239.4
Educational services	137.7	139.2	140.8	140.2	140.0	136.2	115.8	112.3	126.6	138.1	139.9	140.7	134.0
Other Local	103.6	103.5	104.7	104.0	104.3	107.8	108.8	107.5	104.6	103.6	107.1	106.0	105.5
* High Technology Manufacturing	237.3	237.6	238.0	237.5	236.8	237.9	235.6	236.0	235.3	234.8	235.0	234.1	236.3
* High Technology Nonmanufacturing	87.4	87.7	88.5	88.1	88.5	89.2	89.5	90.0	89.3	89.5	89.5	90.4	89.0

* - Not currently validated by the U.S. Bureau of Labor Statistics.

BOSTON, MASSACHUSETTS PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	1,704.8	1,718.6	1,735.8	1,748.8	1,756.5	1,765.4	1,740.5	1,737.1	1,754.2	1,775.4	1,785.8	1,795.7	1,751.6
Manufacturing	270.3	270.3	271.6	271.3	271.9	273.8	270.6	270.8	271.3	271.0	271.0	269.5	271.1
Durable Goods	193.1	193.2	194.0	193.6	194.4	195.1	193.3	192.9	193.1	192.9	193.1	191.9	193.4
Primary Metals	3.2	3.2	3.2	3.2	3.2	3.2	3.0	3.1	3.2	3.2	3.2	3.2	3.2
Fabricated Metals	15.7	15.7	15.7	15.5	15.4	15.5	15.2	15.4	15.5	15.7	15.6	15.5	15.5
Machinery, except electrical	46.3	46.2	46.0	45.9	45.8	45.7	45.1	45.1	45.0	45.1	45.1	45.2	45.5
Electrical & Electronic machinery,equip.,etc.	57.6	57.9	57.9	57.7	57.7	57.9	57.4	56.9	56.8	56.2	56.3	56.5	57.2
Transportation equipment	19.1	18.9	19.3	19.4	20.6	20.5	20.3	20.2	20.1	20.1	20.0	20.0	19.9
Instruments	39.9	40.0	40.3	40.1	39.9	40.2	40.4	40.3	40.6	40.7	40.9	39.6	40.2
Other durable goods	11.3	11.3	11.6	11.8	11.8	12.1	11.9	11.9	11.9	11.9	12.0	11.9	11.8
Nondurable Goods	77.2	77.1	77.6	77.7	77.5	78.7	77.3	77.9	78.2	78.1	77.9	77.6	77.7
Food & kindred products	10.8	10.7	10.7	10.7	10.8	11.3	10.9	11.1	11.2	11.3	11.0	11.1	11.0
Textile mill products	2.0	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.2
Apparel	6.1	6.2	6.4	6.2	6.2	6.3	6.1	6.2	6.3	6.1	6.1	5.9	6.2
Paper & allied products	7.0	6.7	6.8	6.9	6.9	6.9	6.8	6.9	6.9	6.8	6.8	6.8	6.9
Printing & Publishing	33.0	32.9	33.1	33.3	33.2	33.5	33.3	33.4	33.5	33.7	33.8	33.9	33.4
Chemicals	7.9	7.9	7.9	7.9	7.9	8.1	8.0	8.0	7.9	7.9	7.9	7.9	7.9
Rubber & miscellaneous Plastic products	7.4	7.4	7.4	7.4	7.2	7.2	7.0	7.2	7.2	7.2	7.3	7.2	7.3
Leather & Leather products	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.3	2.2	2.4
Other nondurable goods	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Mining	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9
Construction	64.7	64.0	66.6	70.2	72.6	76.5	76.6	76.8	77.0	76.1	74.9	73.8	72.5
Transportation, Communication & Public Utilities	75.9	75.5	76.2	76.6	77.3	77.8	76.3	76.3	77.5	77.6	77.7	77.9	76.9
Wholesale & Retail trade	387.5	385.7	387.0	388.2	389.8	392.9	388.3	386.9	387.4	391.0	397.4	405.3	390.6
Finance, Insurance & Real Estate	151.2	151.3	151.8	153.1	153.9	156.5	157.7	157.7	155.9	155.9	156.3	157.7	154.9
Banking	43.1	43.1	43.3	43.3	43.3	43.9	44.0	44.5	43.7	43.7	43.8	44.0	43.6
Insurance	35.3	35.2	35.3	35.0	35.0	35.4	35.6	35.3	34.9	34.5	34.6	34.5	35.1
Other Finance, Insurance and Real Estate	72.8	73.0	73.2	74.8	75.6	77.2	78.1	77.9	77.3	77.7	77.9	79.2	76.2
Services	550.3	565.8	575.7	581.6	582.2	576.4	570.9	571.8	579.2	593.4	596.4	599.0	578.6
Health Services	140.0	140.5	141.1	141.5	141.9	143.8	142.3	142.7	142.9	143.8	145.2	146.1	142.7
Educational Services	79.9	91.7	95.3	97.1	94.4	80.7	75.7	75.1	83.0	94.6	95.8	95.4	88.2
Other Services	330.4	333.6	339.3	343.0	345.9	351.9	352.9	354.0	353.3	355.0	355.4	357.5	347.7
Government	204.1	205.2	206.1	206.9	207.9	210.6	199.2	195.8	204.9	209.4	211.1	211.5	206.1
Federal	38.1	38.2	38.2	38.3	38.2	38.5	38.5	38.4	38.0	38.2	38.1	38.1	38.2
U.S. Postal Service	14.8	15.0	15.1	15.3	15.2	15.3	15.3	15.2	15.3	15.3	15.3	15.3	15.2
Federal Hospitals	5.0	5.0	5.0	4.9	4.9	4.9	5.0	5.1	5.0	5.2	5.1	5.1	5.0
Other Federal	18.3	18.2	18.1	18.1	18.1	18.3	18.2	18.1	17.7	17.7	17.7	17.7	18.0
State	50.1	50.3	50.4	50.4	50.8	51.7	52.3	52.2	51.1	51.2	51.4	51.6	51.1
State Hospitals	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.8	4.9	4.9	5.0	5.1	4.9
Educational services	8.4	8.4	8.5	8.4	8.4	8.2	8.1	8.1	8.3	8.4	8.4	8.4	8.3
Other State	36.9	37.1	37.1	37.2	37.5	38.6	39.3	39.3	37.9	37.9	38.0	38.1	37.9
Local	115.9	116.7	117.5	118.2	118.9	120.4	108.4	105.2	115.8	120.0	121.6	121.8	116.7

BROCKTON, MASSACHUSETTS PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	72.0	72.4	73.2	73.3	73.6	74.4	73.6	74.0	74.6	75.3	75.6	76.2	74.0
Manufacturing	11.1	11.0	11.2	11.1	11.0	11.1	10.8	10.9	10.8	11.0	11.1	11.1	11.0
Durable Goods	6.0	6.0	6.1	6.1	6.1	6.2	6.1	6.2	6.1	6.1	6.3	6.2	6.1
Electrical & Electronic machinery,equip.,etc.	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Other durable goods	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	5.0	4.9	4.9
Nondurable Goods	5.1	5.0	5.1	5.0	4.9	4.9	4.7	4.7	4.7	4.9	4.8	4.9	4.9
Construction	3.5	3.5	3.6	4.0	4.2	4.3	4.4	4.5	4.5	4.4	4.4	4.2	4.1
Transportation, Communication & Public Utilities	5.2	5.3	5.3	5.1	5.2	5.3	5.0	5.0	5.2	5.3	5.3	5.3	5.2
Wholesale & Retail trade	22.1	21.9	22.0	22.2	22.3	22.6	22.7	22.5	22.5	22.7	23.0	23.5	22.5
Finance, Insurance & Real Estate	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.3
Services	14.8	15.2	15.5	15.6	15.6	15.7	15.7	16.0	16.1	16.1	16.1	16.2	15.7
Government	12.1	12.3	12.3	12.0	12.0	12.0	11.6	11.7	12.2	12.4	12.4	12.6	12.1
Federal	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
State	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.6	2.7
Local	6.5	6.6	6.6	6.3	6.3	6.3	5.9	5.9	6.4	6.6	6.6	6.9	6.4

FALL RIVER, MASSACHUSETTS-RHODE ISLAND PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	54.8	54.8	55.5	55.9	56.3	56.7	54.2	55.7	56.6	56.7	57.0	57.4	56.0
Manufacturing	16.8	16.9	16.7	16.1	15.9	15.8	14.1	15.5	15.5	15.5	15.6	15.6	15.8
Textile mill products	4.3	4.2	4.1	4.0	3.8	3.8	3.6	3.7	3.8	3.8	3.9	3.9	3.9
All other manufacturing	12.5	12.7	12.6	12.1	12.1	12.0	10.5	11.8	11.7	11.7	11.7	11.7	11.9
Construction	2.1	2.1	2.4	3.0	3.2	3.3	3.4	3.5	3.5	3.5	3.4	3.3	3.1
Transportation, Communication & Public Utilities	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0
Wholesale & Retail trade	14.0	13.9	13.9	14.2	14.3	14.4	14.4	14.6	14.7	14.8	15.0	15.4	14.5
Finance, Insurance & Real Estate	3.1	3.1	3.2	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
Services	10.2	10.1	10.4	10.6	10.8	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.7
Government	6.7	6.8	7.0	6.9	7.0	7.0	6.3	6.1	6.8	6.8	6.9	7.0	6.8

FITCHBURG-LEOMINSTER, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	40.5	40.7	41.2	41.8	42.2	42.1	39.9	40.4	41.5	41.7	42.0	42.2	41.4
Manufacturing	11.9	12.0	12.1	12.1	12.0	12.0	11.1	11.7	12.0	12.1	12.3	12.2	12.0
Durable Goods	4.9	4.9	5.0	5.0	5.0	5.0	4.9	5.0	5.0	5.0	5.1	5.1	5.0
Machinery, except electrical	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0
Other durable goods	2.0	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0
Nondurable Goods	7.0	7.1	7.1	7.1	7.0	7.0	6.2	6.7	7.0	7.1	7.2	7.1	7.0
Rubber & miscellaneous Plastic products . .	3.6	3.7	3.7	3.6	3.6	3.4	3.1	3.2	3.5	3.6	3.6	3.6	3.5
Other nondurable goods	3.4	3.4	3.4	3.5	3.4	3.6	3.1	3.5	3.5	3.5	3.6	3.5	3.5
Construction	2.2	2.1	2.2	2.5	2.6	2.8	2.8	2.9	2.8	2.8	2.8	2.7	2.6
Transportation, Communication & Public Utilities	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.7	1.5	1.5	1.7	1.6
Wholesale & Retail trade	10.1	10.1	10.0	10.1	10.3	10.2	9.9	10.0	10.3	10.5	10.7	10.8	10.3
Finance, Insurance & Real Estate	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Services	8.2	8.2	8.4	8.6	8.9	8.9	8.4	8.4	8.4	8.4	8.2	8.3	8.4
Government	4.7	4.9	5.1	5.1	5.0	4.9	4.4	4.2	4.6	4.7	4.8	4.8	4.8

LAWRENCE-HAVERHILL, MASSACHUSETTS-NEW HAMPSHIRE SMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	161.1	162.1	164.2	166.0	167.2	169.1	165.4	164.9	166.2	166.8	166.8	167.2	165.6
Manufacturing	50.1	50.2	50.6	50.6	50.6	51.2	50.0	50.1	50.2	50.1	49.8	49.6	50.3
Durable Goods	36.3	36.1	36.3	36.3	36.2	36.6	35.9	35.7	35.7	35.4	35.1	35.0	35.9
Nondurable Goods	13.8	14.1	14.3	14.3	14.4	14.6	14.1	14.4	14.5	14.7	14.7	14.6	14.4
Leather & Leather products	1.7	1.8	1.9	1.9	1.9	2.0	1.7	2.1	2.0	2.1	2.1	1.9	1.9
Other nondurable goods	12.1	12.3	12.4	12.4	12.5	12.6	12.4	12.3	12.5	12.6	12.6	12.7	12.5
Construction	7.3	7.3	7.2	7.5	7.9	8.1	8.5	8.5	8.3	7.9	7.8	7.7	7.8
Transportation, Communication & Public Utilities	6.8	6.7	6.9	6.9	7.0	7.1	6.8	6.7	7.1	7.1	7.1	7.2	7.0
Wholesale & Retail trade	36.3	35.7	36.0	36.3	36.9	37.4	37.3	37.4	37.2	37.5	37.8	38.6	37.0
Finance, Insurance & Real Estate	6.4	6.4	6.4	6.6	6.7	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6
Services	33.6	34.3	34.7	35.7	35.9	36.6	36.3	36.0	35.6	35.7	35.7	35.5	35.5
Government	20.6	21.5	22.4	22.4	22.2	21.9	19.7	19.4	21.1	21.8	21.9	21.9	21.4

L O W E L L, MASSACHUSETTS-NEW HAMPSHIRE PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	107.0	107.2	108.1	109.8	110.4	111.1	107.4	108.0	109.2	110.3	111.1	112.0	109.3
Mining	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Manufacturing	36.9	36.8	36.9	36.8	36.8	36.9	36.3	36.4	36.4	36.3	36.6	36.5	36.6
Construction	4.7	4.6	4.9	5.6	5.9	6.3	6.3	6.3	6.2	6.1	6.1	5.9	5.7
Transportation, Communication & Public Utilities	4.6	4.6	4.9	4.9	4.9	4.9	4.8	4.8	4.9	4.9	5.1	5.2	4.9
Wholesale & Retail trade	23.0	22.8	23.2	23.5	23.5	23.5	23.0	23.3	23.5	23.9	24.1	24.8	23.5
Finance, Insurance & Real Estate	3.9	3.9	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.0	3.9
Services	20.2	20.4	20.7	21.1	21.3	21.5	21.0	21.0	21.0	21.2	21.3	21.4	21.0
Government	13.5	13.9	13.8	14.0	13.8	13.8	11.8	12.0	13.0	13.7	13.8	14.0	13.4

NEW BEDFORD, MASSACHUSETTS LMA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	66.7	66.5	67.2	67.7	68.3	69.0	67.2	68.2	69.1	69.4	69.8	70.1	68.3
Manufacturing	19.6	19.7	19.4	19.1	19.2	19.2	18.4	18.8	18.8	18.9	19.0	18.9	19.1
Durable Goods	8.5	8.5	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.3
Primary & Fabricated Metals	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5
Other durable goods	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.8
Nondurable Goods	11.1	11.2	11.1	10.9	11.0	11.0	10.2	10.6	10.6	10.7	10.8	10.8	10.8
Apparel	5.7	5.7	5.8	5.8	5.8	5.8	5.3	5.5	5.4	5.5	5.5	5.4	5.6
Other nondurable goods	5.4	5.5	5.3	5.1	5.2	5.2	4.9	5.1	5.2	5.2	5.3	5.4	5.2
Construction	2.8	2.7	2.9	3.3	3.5	3.6	3.7	3.8	3.7	3.7	3.7	3.6	3.4
Transportation, Communication & Public Utilities	2.8	2.8	2.9	2.9	3.1	3.1	2.8	2.9	3.0	3.1	3.0	3.1	3.0
Wholesale & Retail trade	16.0	16.0	16.0	16.3	16.4	16.6	16.4	16.5	16.6	16.4	16.6	16.9	16.4
Finance, Insurance & Real Estate	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Services	13.0	13.0	13.4	13.6	13.7	13.9	14.1	14.2	14.2	14.3	14.2	14.3	13.8
Government	9.9	9.8	10.0	9.9	9.8	10.0	9.2	9.4	10.2	10.4	10.7	10.7	10.0

PITTSFIELD, MASSACHUSETTS LMA*
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	41.5	41.3	41.5	41.9	42.3	43.6	43.2	43.5	42.7	43.2	43.1	43.0	42.6
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing	11.4	11.2	11.2	11.2	11.1	11.2	10.8	10.9	10.8	10.8	10.9	10.8	11.0
Machinery	7.0	6.8	6.8	6.7	6.7	6.7	6.6	6.5	6.5	6.4	6.4	6.4	6.6
All other manufacturing	4.4	4.4	4.4	4.5	4.4	4.5	4.2	4.4	4.3	4.4	4.5	4.4	4.4
Construction	2.0	2.0	2.0	2.5	2.7	2.8	2.9	3.0	2.9	2.9	2.8	2.5	2.6
Transportation, Communication & Public Utilities	1.2	1.2	1.2	1.2	1.1	11.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Wholesale & Retail trade	9.7	9.6	9.5	9.5	9.7	9.8	9.9	10.0	9.9	10.3	10.4	10.5	9.9
Finance, Insurance & Real Estate	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
Services	10.3	10.4	10.6	10.6	10.7	11.5	11.7	11.7	11.1	11.0	10.8	11.0	11.0
Government	4.9	4.9	5.0	4.8	4.9	4.9	4.5	4.5	4.6	4.9	4.9	4.9	4.8

* - Not currently validated by the Bureau of Labor Statistics

SALEM-GLOUCESTER PMSA *
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	111.0	110.6	112.2	114.5	116.3	118.6	116.4	116.1	116.9	117.0	117.0	117.8	115.4
Manufacturing	22.4	22.4	22.4	22.4	22.6	22.4	21.8	22.0	22.0	22.0	21.9	22.2	22.2
Durable Goods	15.3	15.3	15.3	15.3	15.4	15.5	15.1	15.1	15.0	15.1	15.0	15.1	15.2
Nondurable Goods	7.1	7.1	7.1	7.1	7.2	6.9	6.7	6.9	7.0	6.9	6.9	7.1	7.0
Construction	4.8	4.6	4.8	5.1	5.4	5.7	5.9	5.9	5.9	5.9	5.9	5.8	5.5
Transportation, Communication & Public Utilities	3.6	3.7	3.7	3.8	3.8	4.0	3.8	3.8	3.9	4.0	3.9	3.9	3.8
Wholesale & Retail trade	32.6	32.2	32.6	33.1	33.6	34.2	33.6	33.8	33.7	33.5	33.9	34.7	33.5
Finance, Insurance & Real Estate	5.4	5.4	5.7	5.8	5.9	6.1	6.2	6.3	6.2	5.9	5.9	5.9	5.9
Services	26.6	26.8	27.2	28.4	29.0	29.9	29.7	30.0	29.6	29.7	29.1	29.0	28.8
Government	15.6	15.5	15.8	15.9	16.0	16.3	15.0	14.2	15.6	16.0	16.4	16.3	15.7

* - Not currently validated by the Bureau of Labor Statistics

SPRINGFIELD MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	237.1	238.6	240.8	242.1	242.6	244.1	239.2	238.8	241.4	244.5	245.6	246.8	241.8
Manufacturing	50.9	51.0	51.3	51.1	51.2	51.3	50.3	50.3	50.8	51.3	51.1	51.2	51.0
Durable Goods	25.6	25.7	26.0	25.8	25.9	25.9	25.4	25.3	25.6	25.9	25.6	25.6	25.7
Fabricated Metals	6.9	6.9	7.0	6.9	6.9	6.8	6.9	7.0	7.1	7.2	7.0	6.9	7.0
Machinery, except electrical	6.0	6.1	6.2	6.1	6.2	6.2	6.2	6.1	6.3	6.3	6.2	6.3	6.2
Other durable goods	12.7	12.7	12.8	12.8	12.8	12.9	12.3	12.2	12.2	12.4	12.4	12.4	12.6
Nondurable Goods	25.3	25.3	25.3	25.3	25.3	25.4	24.9	25.0	25.2	25.4	25.5	25.6	25.3
Textile mill products	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6
Apparel	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Paper & allied products	7.9	7.9	8.0	7.9	8.0	8.0	7.8	7.8	7.9	8.1	8.1	8.2	8.0
Printing & Publishing	6.5	6.6	6.5	6.5	6.5	6.6	6.6	6.5	6.5	6.6	6.6	6.6	6.6
Other nondurable goods	8.3	8.2	8.2	8.3	8.2	8.3	8.2	8.2	8.3	8.2	8.3	8.3	8.3
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction	8.9	8.6	9.1	9.6	10.3	10.7	11.1	11.1	10.9	10.9	10.8	10.5	10.2
Transportation, Communication & Public Utilities	9.6	9.7	9.7	9.8	9.8	9.9	9.4	9.5	10.0	10.1	10.0	10.1	9.8
Wholesale & Retail trade	56.2	56.1	56.3	56.6	57.1	57.9	57.0	57.6	58.1	58.3	59.3	60.1	57.6
Finance, Insurance & Real Estate	15.8	15.8	15.7	15.8	15.8	16.0	16.1	16.0	15.8	15.5	15.5	15.5	15.8
Services	56.6	57.9	59.0	59.8	59.2	58.9	58.2	58.3	58.9	59.8	59.9	60.3	58.9
Government	39.0	39.4	39.6	39.3	39.1	39.3	37.0	35.9	36.8	38.5	38.9	39.0	38.5
Federal	6.1	6.1	6.1	6.1	6.0	6.2	6.1	6.1	6.1	6.1	6.2	6.2	6.1
State	8.2	8.6	8.6	8.5	8.5	8.2	8.3	8.2	8.3	8.7	8.7	8.7	8.5
Local	24.7	24.7	24.9	24.7	24.6	24.9	22.6	21.6	22.4	23.7	24.0	24.1	23.9

WORCESTER, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	201.4	203.2	205.3	207.9	208.1	209.5	205.3	205.3	208.1	211.4	213.8	215.4	207.9
Manufacturing	44.7	44.7	44.9	44.9	44.7	45.2	44.4	44.8	45.0	45.0	45.6	45.7	45.0
Durable Goods	29.4	29.5	29.6	29.6	29.5	29.7	29.4	29.6	29.8	29.7	30.0	30.0	29.7
Primary Metals	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Fabricated Metals	6.8	6.9	7.0	7.1	7.0	7.1	7.0	7.1	7.2	7.2	7.3	7.4	7.1
Machinery, except electrical	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.8	9.8	9.8	9.9	9.9	9.8
Other durable goods	10.7	10.7	10.7	10.7	10.7	10.8	10.7	10.7	10.8	10.7	10.8	10.7	10.7
Nondurable Goods	15.3	15.2	15.3	15.3	15.2	15.5	15.0	15.2	15.2	15.3	15.6	15.7	15.3
Textile mill products	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.5	2.5	2.2	2.5	2.4	2.5
Leather & Leather products	0.8	0.7	0.8	0.8	0.7	0.7	0.5	0.6	0.6	0.6	0.6	0.8	0.7
Other nondurable goods	11.9	11.9	11.9	11.9	11.9	12.2	12.1	12.1	12.1	12.5	12.5	12.5	12.1
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction	9.2	8.9	9.2	10.2	10.6	11.1	11.5	11.5	11.4	11.3	11.3	11.0	10.6
Transportation, Communication & Public Utilities	9.0	9.3	9.4	9.5	9.5	9.7	9.4	9.3	9.6	9.7	9.8	9.9	9.5
Wholesale & Retail trade	49.2	49.2	49.3	49.9	49.9	50.4	50.0	49.8	50.2	51.0	52.0	53.2	50.3
Finance, Insurance & Real Estate	14.2	14.2	14.3	14.4	14.5	14.7	15.1	15.2	14.8	14.7	14.8	14.8	14.6
Services	50.5	51.7	52.6	53.5	53.5	53.5	51.8	51.8	52.8	54.7	54.9	55.4	53.1
Government	24.5	25.1	25.5	25.4	25.3	24.8	23.0	22.8	24.2	24.9	25.3	25.3	24.7

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,958.3	2,975.9	2,995.9	3,043.7	3,069.7	3,106.1	3,074.4	3,076.3	3,083.4	3,101.8	3,115.9	3,140.3	3,061.8
Manufacturing	601.8	601.4	600.5	601.2	600.6	603.9	591.7	596.6	597.8	597.7	598.9	597.1	599.1
Durable Goods	401.1	400.7	399.3	400.5	399.4	400.3	393.8	395.6	396.1	396.7	397.2	395.4	398.0
Lumber & Furniture	13.2	13.2	13.3	13.7	13.7	14.0	13.7	13.9	13.8	13.7	13.6	13.6	13.6
Stone,Clay & Glass	10.3	10.1	10.3	10.5	10.6	10.9	10.9	11.0	11.0	11.0	11.0	11.1	10.7
Primary Metals	15.7	15.7	15.8	15.7	15.6	15.6	15.3	15.5	15.6	15.4	15.4	15.5	15.6
Fabricated Metals	42.2	42.1	42.2	41.9	41.7	41.9	41.3	41.3	41.4	41.5	41.6	41.7	41.7
Cutlery,Hand tools,Hardware	9.5	9.4	9.4	9.2	9.1	9.0	8.9	8.9	8.8	9.0	9.0	9.0	9.1
Other Fabricated metal products	32.7	32.7	32.8	32.7	32.6	32.9	32.4	32.4	32.6	32.5	32.6	32.7	32.6
Machinery, except electrical	103.2	103.3	103.1	103.1	102.6	102.7	101.4	101.6	101.6	101.3	101.4	101.8	102.3
Metalworking machinery	13.2	13.0	12.9	12.8	12.7	12.8	12.6	12.8	13.0	13.2	13.2	13.5	13.0
Special industry machinery	11.9	12.1	12.1	12.1	11.9	11.8	11.6	11.5	11.5	11.4	11.4	11.4	11.7
Other Machinery, execpt electrical	78.1	78.2	78.1	78.2	78.0	78.1	77.2	77.3	77.1	76.7	76.8	76.9	77.6
* Office Computing, & Accounting Machines	55.2	55.5	55.3	55.7	55.6	55.2	54.7	54.7	54.5	54.4	54.4	54.6	55.0
Electrical & Electronic machinery,equip.,etc.	106.3	106.4	105.2	106.0	105.3	105.5	104.7	105.2	104.9	104.0	104.1	104.4	105.2
Communications equipment	41.7	41.4	40.1	40.5	39.6	39.5	39.3	39.0	38.7	38.9	38.9	38.8	39.7
Electronic components	40.2	40.7	40.7	40.3	40.4	40.7	40.9	41.0	40.9	40.1	40.1	40.1	40.5
Other Electric and Electronic equipment	24.4	24.3	24.4	25.2	25.3	25.3	24.5	25.2	25.3	25.0	25.1	25.5	25.0
Transportation equipment	37.2	36.9	36.6	36.5	36.6	36.0	33.3	33.4	34.4	35.6	35.5	32.7	35.4
Instruments	54.2	54.3	54.0	54.3	54.5	54.7	54.4	54.6	54.3	54.7	54.9	55.1	54.5
Measuring & Control devices	19.8	19.9	19.7	19.7	19.7	19.8	19.8	20.0	19.9	20.2	20.3	20.6	20.0
Other Instruments and related products	34.4	34.4	34.3	34.6	34.8	34.9	34.6	34.6	34.4	34.5	34.6	34.5	34.6
Miscellaneous Manufacturing Industries	18.8	18.7	18.8	18.8	18.8	19.0	18.8	19.1	19.1	19.5	19.7	19.5	19.1
Jewelry	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.5	7.6	7.5	7.3
Other Miscellaneous manufacturing industrie	11.6	11.5	11.6	11.6	11.6	11.8	11.6	11.7	11.7	12.0	12.1	12.0	11.7
Nondurable Goods	200.7	200.7	201.2	200.7	201.2	203.6	197.9	201.0	201.7	201.0	201.7	201.7	201.1
Food & kindred products	21.2	21.2	21.0	20.9	21.0	21.7	21.4	21.6	21.5	21.6	21.6	21.7	21.4
Textile mill products	17.4	17.5	17.5	17.4	17.3	17.3	16.2	16.9	16.9	16.5	16.9	16.8	17.1
Apparel	25.5	25.7	26.0	25.5	25.7	26.1	24.4	25.7	25.7	25.2	25.0	24.8	25.4
Mens & Boys suits,coats & furnishings	6.7	6.8	6.8	6.7	6.8	6.8	6.4	6.7	6.7	6.6	6.6	6.5	6.7
Other Apparel and textile products	18.8	18.9	19.2	18.8	18.9	19.3	18.0	19.0	19.0	18.6	18.4	18.3	18.8
Paper & allied products	24.5	24.5	24.5	24.6	24.7	24.8	24.1	24.5	25.0	25.0	25.2	25.0	24.7
Printing & Publishing	55.1	55.0	55.0	55.2	55.1	55.8	55.4	55.6	55.8	56.0	56.4	56.7	55.6
Chemicals	17.4	17.3	17.4	17.5	17.8	18.2	18.3	18.4	18.3	18.3	18.4	18.7	18.0
Rubber & miscellaneous Plastic products	29.6	29.6	29.8	29.3	29.2	29.2	28.1	28.0	27.9	28.0	27.8	27.8	28.7
Miscellaneous Plastic products	22.3	22.5	22.7	22.3	22.3	22.4	21.7	21.7	21.6	21.7	21.5	21.5	22.0
Other Rubber and Plastic products	7.3	7.1	7.1	7.0	6.9	6.8	6.4	6.3	6.3	6.3	6.3	6.3	6.7
Leather & Leather products	8.9	8.8	8.9	8.9	8.9	9.0	8.4	8.6	8.9	8.8	8.8	8.7	8.8
Footwear, except rubber	4.5	4.4	4.5	4.4	4.4	4.5	4.1	4.1	4.3	4.2	4.2	4.2	4.3
Other Leather and leather products	4.4	4.4	4.4	4.5	4.5	4.5	4.3	4.5	4.6	4.6	4.6	4.5	4.5
Other nondurable goods	1.1	1.1	1.1	1.4	1.5	1.5	1.6	1.7	1.7	1.6	1.6	1.5	1.5
Mining	1.5	1.4	1.5	1.4	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6

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M A S S A C H U S E T T S
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	119.3	115.1	119.2	131.3	138.8	146.6	150.3	150.6	148.8	146.6	144.3	141.9	137.7
Transportation, Communication & Public Utilities	125.8	125.8	126.8	129.1	131.0	133.1	130.2	130.7	134.1	134.3	134.8	136.6	131.0
Wholesale & Retail trade	703.5	698.7	702.6	714.5	722.8	734.5	731.7	731.0	725.2	725.8	736.8	754.0	723.4
Wholesale Trade	166.0	166.3	167.1	169.3	170.5	172.7	172.6	172.9	172.3	172.8	173.6	175.1	170.9
Retail Trade	537.5	532.4	535.5	545.2	552.3	561.8	559.1	558.1	552.9	553.0	563.2	578.9	552.5
Finance, Insurance & Real Estate	208.8	210.0	211.6	214.2	216.3	221.8	223.7	224.3	222.0	219.9	220.3	222.1	217.9
Banking	62.7	62.8	63.2	62.8	63.4	65.3	64.8	64.7	64.1	63.7	64.3	64.6	63.9
Other Finance, Insurance and Real Estate . . .	146.1	147.2	148.4	151.4	152.9	156.5	158.9	159.6	157.9	156.2	156.0	157.5	154.1
Services	809.5	828.0	837.0	852.4	857.3	857.8	856.6	857.9	860.1	875.6	874.7	879.9	853.9
Health Services	241.1	241.3	242.3	243.0	243.5	245.1	243.3	243.2	244.3	244.8	246.0	247.5	243.8
Educational Services	102.8	117.7	120.1	121.9	119.8	104.7	100.0	99.8	107.8	121.5	122.8	122.4	113.4
Other Services	465.6	469.0	474.6	487.5	494.0	508.0	513.3	514.9	508.0	509.3	505.9	510.0	496.7
Government	388.1	395.5	396.7	399.6	401.4	406.8	388.6	383.6	393.8	400.2	404.4	407.1	397.2
Federal	59.5	60.6	60.8	61.7	61.5	62.8	62.8	62.6	61.2	60.9	61.1	61.9	61.5
U.S. Postal Service	25.2	25.7	25.8	26.0	26.2	26.9	26.6	26.5	25.9	26.2	26.5	27.2	26.2
Other Federal	34.3	34.9	35.0	35.7	35.3	35.9	36.2	36.1	35.3	34.7	34.6	34.7	35.2
State	94.1	98.6	98.5	99.1	99.5	99.2	100.1	99.8	100.2	101.3	101.6	101.8	99.5
Educational services	23.2	27.5	27.5	27.3	27.5	25.9	25.7	25.5	26.8	27.0	27.1	27.0	26.5
Other State	70.9	71.1	71.0	71.8	72.0	73.3	74.4	74.3	73.4	74.3	74.5	74.8	73.0
Local	234.5	236.3	237.4	238.8	240.4	244.8	225.7	221.2	232.4	238.0	241.7	243.4	236.2
Educational services	133.7	135.6	136.3	136.9	137.6	137.2	116.6	112.3	127.0	135.1	137.8	138.5	132.1
Other Local	100.8	100.7	101.1	101.9	102.8	107.6	109.1	108.9	105.4	102.9	103.9	104.9	104.2
* High Technology Manufacturing	241.4	241.8	240.2	240.9	240.7	240.2	238.8	239.6	238.9	238.3	238.8	239.5	239.9
* High Technology Nonmanufacturing	81.9	82.2	82.4	84.6	84.7	86.2	86.6	86.9	86.6	86.1	86.5	87.5	85.2

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BOSTON, MASSACHUSETTS PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	1,673.3	1,682.6	1,693.1	1,713.1	1,723.5	1,733.1	1,705.5	1,706.4	1,719.3	1,739.4	1,751.5	1,764.7	1,717.1
Manufacturing	282.8	282.6	282.6	282.4	282.3	283.1	275.2	276.8	277.4	277.8	278.1	275.3	279.7
Durable Goods	202.4	202.3	202.0	202.1	201.8	202.0	196.5	197.2	197.4	198.5	198.6	196.1	199.7
Primary Metals	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2
Fabricated Metals	16.6	16.5	16.6	16.4	16.2	16.2	16.1	16.0	15.9	16.0	15.9	15.9	16.2
Machinery, except electrical	49.1	49.3	49.3	49.0	48.8	48.9	47.8	47.8	47.6	47.4	47.3	47.3	48.3
Electrical & Electronic machinery,equip.,etc.	58.2	58.3	58.3	58.5	58.7	58.6	57.8	58.0	57.6	57.4	57.4	57.4	58.0
Transportation equipment	25.5	25.3	23.9	23.8	23.5	23.3	20.5	20.7	21.6	22.7	22.7	19.9	22.6
Instruments	38.7	38.7	39.6	39.8	39.9	40.0	39.5	39.8	39.7	40.0	40.2	40.5	39.9
Other durable goods	11.1	11.0	11.1	11.4	11.5	11.7	11.5	11.7	11.8	11.8	11.9	11.9	11.5
Nondurable Goods	80.4	80.3	80.6	80.3	80.5	81.1	78.7	79.6	80.0	79.3	79.5	79.2	80.0
Food & kindred products	11.4	11.3	11.3	11.3	11.4	11.7	11.3	11.3	11.4	11.2	11.1	11.1	11.3
Textile mill products	2.4	2.4	2.4	2.4	2.3	2.3	2.1	2.2	2.2	2.1	2.1	2.1	2.3
Apparel	6.6	6.7	6.7	6.9	6.9	6.9	6.5	6.7	6.8	6.6	6.6	6.4	6.7
Paper & allied products	7.2	7.2	7.3	7.1	7.1	7.3	6.9	7.2	7.3	7.5	7.4	7.3	7.2
Printing & Publishing	33.3	33.1	33.2	33.1	33.1	33.3	33.0	33.1	33.3	33.2	33.5	33.7	33.2
Chemicals	8.0	8.1	8.1	8.1	8.1	8.2	8.0	8.2	8.1	8.1	8.1	8.1	8.1
Rubber & miscellaneous Plastic products	8.5	8.5	8.5	8.3	8.2	8.2	7.9	7.8	7.8	7.6	7.6	7.5	8.0
Leather & Leather products	2.4	2.4	2.5	2.5	2.5	2.5	2.3	2.4	2.4	2.3	2.4	2.4	2.4
Other nondurable goods	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7
Mining	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
Construction	61.3	59.2	60.9	66.2	69.4	73.4	74.9	75.4	75.1	73.8	72.7	71.6	69.5
Transportation, Communication & Public Utilities	74.3	74.4	74.7	75.7	76.3	77.2	76.8	77.1	78.1	77.5	78.4	78.5	76.6
Wholesale & Retail trade	383.4	378.7	380.1	383.0	385.9	389.3	384.6	384.3	383.4	387.2	395.4	405.2	386.7
Finance, Insurance & Real Estate	144.3	145.4	146.1	148.1	148.9	152.4	153.0	153.4	152.0	150.6	151.0	152.9	149.8
Banking	40.8	40.9	41.0	41.2	41.7	43.2	42.7	42.9	42.7	42.3	42.8	43.0	42.1
Insurance	37.0	37.1	37.0	36.9	36.7	36.8	36.7	36.7	36.0	35.5	35.4	35.5	36.4
Other Finance, Insurance and Real Estate	66.5	67.4	68.1	70.0	70.5	72.4	73.6	73.8	73.3	72.8	72.8	74.4	71.3
Services	529.1	542.0	548.1	556.1	557.7	552.0	547.5	547.6	555.3	570.4	572.0	575.8	554.5
Health Services	137.7	137.7	138.1	138.2	138.6	139.4	138.5	138.4	138.7	138.7	139.6	140.6	138.7
Educational Services	77.6	88.9	92.0	94.1	92.8	79.5	72.8	72.1	82.2	93.8	94.9	94.7	86.3
Other Services	313.8	315.4	318.0	323.8	326.3	333.1	336.2	337.1	334.4	337.9	337.5	340.5	329.5
Government	197.4	199.6	199.8	200.8	202.2	204.9	192.7	191.0	197.2	201.2	203.0	204.5	199.5
Federal	36.8	37.3	37.2	37.6	37.8	38.7	39.0	38.7	37.6	37.7	37.9	38.4	37.9
U.S. Postal Service	14.0	14.4	14.5	14.4	14.5	15.0	14.9	14.7	14.5	14.7	14.8	15.2	14.6
Federal Hospitals	4.9	4.9	4.9	5.1	5.1	5.1	5.4	5.4	5.0	4.9	4.9	5.0	5.1
Other Federal	17.9	18.0	17.8	18.1	18.2	18.6	18.7	18.6	18.1	18.1	18.2	18.2	18.2
State	47.8	48.2	48.3	48.2	48.4	48.7	49.5	49.3	49.2	49.3	49.5	49.7	48.8
State Hospitals	4.8	4.8	4.7	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.8
Educational services	8.3	8.7	8.6	8.4	8.6	8.3	8.2	8.0	8.4	8.5	8.5	8.5	8.4
Other State	34.7	34.7	35.0	35.0	35.0	35.6	36.5	36.6	36.1	36.1	36.2	36.4	35.7
Local	112.8	114.1	114.3	115.0	116.0	117.5	104.2	103.0	110.4	114.2	115.6	116.4	112.8

BROCKTON, MASSACHUSETTS PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	70.4	70.3	71.4	72.0	72.5	73.4	72.2	72.0	72.6	73.1	73.7	74.7	72.4
Manufacturing	11.3	11.3	11.4	11.3	11.3	11.4	11.3	11.2	11.1	11.2	11.2	11.2	11.3
Durable Goods	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	5.9	6.0	6.1	6.0	6.1
Electrical & Electronic machinery,equip.,etc.	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.3	1.3	1.3	1.3
Other durable goods	4.8	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.8	4.7	4.7
Nondurable Goods	5.2	5.2	5.3	5.2	5.2	5.3	5.1	5.1	5.2	5.2	5.1	5.2	5.2
Construction	3.4	3.2	3.5	3.7	3.8	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.8
Transportation, Communication & Public Utilities	5.1	5.0	5.0	5.1	5.1	5.2	4.8	4.9	5.4	5.4	5.5	5.5	5.2
Wholesale & Retail trade	21.4	21.2	21.4	21.7	22.0	22.1	21.7	21.8	22.0	22.3	22.5	23.2	21.9
Finance, Insurance & Real Estate	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.2
Services	14.4	14.7	15.3	15.2	15.2	15.3	15.1	15.2	15.3	15.1	15.0	15.3	15.1
Government	11.8	11.8	11.7	11.8	11.9	12.1	11.9	11.5	11.5	11.9	12.3	12.4	11.9
Federal	2.9	2.8	2.8	2.9	2.9	3.0	3.2	3.2	3.1	3.1	3.1	3.1	3.0
State	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.7	2.5
Local	6.5	6.6	6.5	6.5	6.6	6.7	6.3	5.9	6.0	6.3	6.6	6.6	6.4

FALL RIVER, MASSACHUSETTS-RHODE ISLAND PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	54.0	53.7	54.1	54.9	55.9	56.5	54.0	55.6	56.3	56.3	56.6	57.0	55.4
Manufacturing	17.1	17.3	17.1	16.8	16.9	17.0	15.9	17.1	17.3	17.0	17.0	17.0	17.0
Textile mill products	4.4	4.4	4.4	4.4	4.3	4.3	3.9	4.3	4.5	4.3	4.4	4.4	4.3
All other manufacturing	12.7	12.9	12.7	12.4	12.6	12.7	12.0	12.8	12.8	12.7	12.6	12.6	12.6
Construction	1.9	1.8	1.9	2.3	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.4
Transportation, Communication & Public Utilities	1.9	1.8	1.9	1.9	1.9	2.0	1.9	2.0	2.0	1.9	2.0	1.9	1.9
Wholesale & Retail trade	13.6	13.4	13.6	13.8	14.1	14.2	14.2	14.3	14.1	14.3	14.5	15.0	14.1
Finance, Insurance & Real Estate	2.9	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.0	3.1	3.1	3.1	3.0
Services	9.9	9.8	10.0	10.3	10.4	10.5	10.4	10.6	10.6	10.4	10.3	10.4	10.3
Government	6.7	6.7	6.7	6.9	7.1	7.1	5.9	5.9	6.7	6.9	7.0	7.0	6.7

FITCHBURG-LEOMINSTER, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	38.7	38.8	39.4	40.3	40.8	41.0	39.3	39.6	40.5	41.2	41.4	41.9	40.2
Manufacturing	12.0	12.0	12.0	12.0	12.1	12.1	11.5	12.0	12.1	12.2	12.2	12.2	12.0
Durable Goods	4.5	4.5	4.5	4.6	4.6	4.7	4.4	4.7	4.7	4.8	4.9	5.0	4.7
Machinery, except electrical	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.9	2.9	2.9	3.0	3.0	2.9
Other durable goods	1.7	1.7	1.7	1.7	1.7	1.8	1.6	1.8	1.8	1.9	1.9	2.0	1.8
Nondurable Goods	7.5	7.5	7.5	7.4	7.5	7.4	7.1	7.3	7.4	7.4	7.3	7.2	7.4
Rubber & miscellaneous Plastic products . .	4.0	4.0	4.1	3.9	4.0	3.9	3.9	3.8	3.9	3.9	3.8	3.8	3.9
Other nondurable goods	3.5	3.5	3.4	3.5	3.5	3.5	3.2	3.5	3.5	3.5	3.5	3.4	3.5
Construction	2.1	2.0	2.1	2.4	2.5	2.7	2.8	2.8	2.8	2.7	2.6	2.6	2.5
Transportation, Communication & Public Utilities	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.7	1.7	1.7	1.8	1.6
Wholesale & Retail trade	9.7	9.7	10.0	10.1	10.1	10.2	10.0	9.9	10.0	10.2	10.4	10.7	10.1
Finance, Insurance & Real Estate	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
Services	7.2	7.2	7.3	7.8	8.0	8.0	7.9	8.0	8.2	8.3	8.2	8.3	7.9
Government	4.5	4.7	4.8	4.7	4.7	4.6	3.7	3.6	4.0	4.4	4.6	4.6	4.4

LAWRENCE - HAVERHILL, MASSACHUSETTS-NEW HAMPSHIRE SMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	157.2	158.5	159.4	161.6	162.3	164.6	160.6	161.0	162.1	162.5	163.6	164.6	161.5
Manufacturing	51.6	51.5	51.2	51.4	50.5	50.6	49.4	50.5	50.4	50.3	50.3	50.5	50.7
Durable Goods	38.1	38.0	37.6	37.7	36.7	36.7	36.1	36.6	36.5	36.5	36.5	36.7	37.0
Nondurable Goods	13.5	13.5	13.6	13.7	13.8	13.9	13.3	13.9	13.9	13.8	13.8	13.8	13.7
Leather & Leather products	1.7	1.7	1.7	1.8	1.8	1.8	1.5	1.9	1.9	1.8	1.8	1.8	1.8
Other nondurable goods	11.8	11.8	11.9	11.9	12.0	12.1	11.8	12.0	12.0	12.0	12.0	12.0	11.9
Construction	7.3	7.3	7.5	7.9	8.4	8.8	9.1	8.9	8.6	8.2	8.2	8.0	8.2
Transportation, Communication & Public Utilities	6.6	6.7	6.7	6.8	6.9	7.0	6.8	6.7	7.0	6.9	6.9	7.0	6.8
Wholesale & Retail trade	35.3	35.1	35.3	35.4	35.9	36.6	36.2	36.2	35.9	36.4	37.2	37.8	36.1
Finance, Insurance & Real Estate	6.0	6.0	6.0	6.2	6.3	6.5	6.5	6.5	6.4	6.4	6.5	6.5	6.3
Services	30.5	31.4	31.8	32.7	33.3	34.3	34.0	33.8	33.7	34.0	34.1	34.3	33.2
Government	19.9	20.5	20.9	21.2	21.0	20.8	18.6	18.4	20.1	20.3	20.4	20.5	20.2

LOWELL, MASSACHUSETTS-NEW HAMPSHIRE PMSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	103.0	103.4	104.3	105.7	106.7	107.6	105.8	106.2	106.7	108.2	109.0	109.6	106.4
Mining	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Manufacturing	36.0	35.8	35.9	36.4	36.6	36.8	36.6	36.9	37.0	36.9	37.1	37.2	36.6
Construction	4.6	4.5	4.7	5.3	5.5	5.9	5.8	5.9	5.8	5.6	5.6	5.3	5.4
Transportation, Communication & Public Utilities	3.4	3.4	3.4	3.3	3.6	3.7	3.9	4.0	4.2	4.5	4.7	4.9	3.9
Wholesale & Retail trade	22.4	22.5	22.6	22.6	22.7	22.7	22.5	22.6	22.7	23.0	23.3	23.9	22.8
Finance, Insurance & Real Estate	4.1	4.1	4.2	4.2	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	4.1
Services	19.3	19.6	20.0	20.3	20.5	20.6	20.5	20.5	20.5	20.7	20.8	20.9	20.4
Government	13.0	13.3	13.3	13.4	13.3	13.4	12.1	12.0	12.2	13.3	13.4	13.3	13.0

NEW BEDFORD, MASSACHUSETTS LMA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	65.5	65.2	65.7	66.5	67.2	68.1	65.3	66.6	67.7	68.0	68.4	69.0	66.9
Manufacturing	19.9	20.0	19.9	19.6	19.6	19.8	18.3	19.3	19.6	19.6	19.9	20.0	19.6
Durable Goods	8.5	8.5	8.4	8.2	8.2	8.3	8.1	8.3	8.4	8.5	8.5	8.6	8.4
Primary & Fabricated Metals	2.9	2.9	3.0	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.8
Other durable goods	5.6	5.6	5.4	5.4	5.4	5.5	5.4	5.6	5.7	5.8	5.9	5.9	5.6
Nondurable Goods	11.4	11.5	11.5	11.4	11.4	11.5	10.2	11.0	11.2	11.1	11.4	11.4	11.3
Apparel	5.9	5.9	5.9	5.9	5.9	6.0	5.3	5.9	6.0	5.9	6.0	5.9	5.9
Other nondurable goods	5.5	5.6	5.6	5.5	5.5	5.5	4.9	5.1	5.2	5.2	5.4	5.5	5.4
Construction	2.7	2.5	2.8	3.0	3.2	3.3	3.5	3.5	3.4	3.5	3.3	3.3	3.2
Transportation, Communication & Public Utilities	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.7	2.9	2.8	2.9	3.0	2.8
Wholesale & Retail trade	15.9	15.7	15.8	16.3	16.5	16.5	16.2	16.3	16.3	16.4	16.4	16.7	16.3
Finance, Insurance & Real Estate	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5
Services	12.2	12.2	12.2	12.6	12.9	13.2	13.2	13.1	13.1	13.3	13.3	13.3	12.9
Government	9.8	9.8	9.9	9.8	9.7	9.9	8.8	9.1	9.8	9.9	10.1	10.2	9.7

P I T T S F I E L D, MASSACHUSETTS LMA *
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	41.0	40.7	40.8	42.1	42.6	43.4	42.8	42.6	42.3	41.8	41.9	42.3	42.0
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing	12.4	12.1	12.2	12.2	12.1	12.1	11.8	11.6	11.9	11.4	11.3	11.4	11.9
Machinery	7.9	7.7	7.7	7.6	7.5	7.4	7.2	7.1	7.2	6.8	6.8	6.9	7.3
All other manufacturing	4.5	4.4	4.5	4.6	4.6	4.7	4.6	4.5	4.7	4.6	4.5	4.5	4.6
Construction	1.8	1.7	1.8	2.1	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.3
Transportation, Communication & Public Utilities	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.1
Wholesale & Retail trade	9.3	9.3	9.1	9.4	9.6	9.8	9.7	9.8	9.5	9.3	9.4	9.6	9.5
Finance, Insurance & Real Estate	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
Services	9.7	9.7	9.8	10.3	10.2	10.7	11.3	11.2	10.3	10.4	10.4	10.5	10.4
Government	4.7	4.8	4.8	4.9	5.0	5.0	4.1	4.1	4.6	4.8	4.9	4.9	4.7

* - Not currently validated by the Bureau of Labor Statistics

SALEM-GLOUCESTER PMSA *
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	108.7	107.7	108.7	110.4	112.1	114.3	112.9	112.2	113.6	113.3	113.2	114.7	111.8
Manufacturing	22.5	22.2	22.3	22.2	22.0	22.1	21.9	22.1	22.2	22.3	22.4	22.5	22.2
Durable Goods	15.6	15.5	15.5	15.4	15.4	15.3	15.2	15.3	15.3	15.3	15.4	15.4	15.4
Nondurable Goods	6.8	6.7	6.8	6.8	6.7	6.8	6.7	6.9	6.9	7.0	7.0	7.1	6.9
Construction	4.4	4.3	4.3	4.6	4.8	5.1	5.2	5.2	5.2	5.1	5.1	5.1	4.9
Transportation, Communication & Public Utilities	3.5	3.6	3.6	3.7	3.7	3.9	3.7	3.6	3.6	3.8	3.7	3.8	3.7
Wholesale & Retail trade	33.0	32.0	32.3	32.6	33.2	33.8	33.8	33.7	33.5	33.3	33.8	34.6	33.3
Finance, Insurance & Real Estate	5.1	5.0	5.2	5.3	5.4	5.6	5.7	5.7	5.7	5.5	5.5	5.5	5.4
Services	25.1	25.2	25.6	26.6	27.2	27.8	27.8	27.9	27.8	27.7	27.0	27.1	26.9
Government	15.2	15.4	15.4	15.4	15.7	15.9	14.7	13.9	15.5	15.5	15.7	15.9	15.4

* - Not currently validated by the Bureau of Labor Statistics

SPRINGFIELD MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	230.6	232.1	234.2	237.3	238.0	240.4	235.5	235.0	239.4	241.0	242.2	244.8	237.5
Manufacturing	50.6	50.7	50.4	50.6	50.6	51.0	50.1	50.4	50.7	50.9	50.9	51.1	50.7
Durable Goods	25.5	25.6	25.5	25.6	25.6	26.0	25.5	25.7	26.0	25.9	26.0	26.0	25.7
Fabricated Metals	6.9	6.9	6.8	6.9	7.0	7.1	6.9	6.9	6.9	7.0	7.0	7.0	6.9
Machinery, except electrical	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
Other durable goods	12.5	12.6	12.6	12.6	12.5	12.7	12.4	12.6	12.8	12.7	12.8	12.8	12.6
Nondurable Goods	25.1	25.1	24.9	25.0	25.0	25.0	24.6	24.7	24.7	25.0	24.9	25.1	24.9
Textile mill products	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
Apparel	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1
Paper & allied products	7.7	7.7	7.6	7.7	7.7	7.8	7.6	7.7	7.9	7.8	7.9	7.9	7.8
Printing & Publishing	6.4	6.5	6.3	6.3	6.3	6.4	6.4	6.5	6.4	6.5	6.5	6.5	6.4
Other nondurable goods	8.3	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	8.1	8.0	8.1	8.1
Mining	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Construction	8.3	8.0	8.4	9.4	10.0	10.5	10.9	10.8	10.5	10.4	10.2	10.0	9.8
Transportation, Communication & Public Utilities	9.6	9.7	9.7	9.6	9.6	9.6	9.2	9.3	9.7	9.9	9.8	10.0	9.6
Wholesale & Retail trade	54.4	53.8	54.4	55.7	56.2	56.7	55.5	55.5	56.3	56.2	57.3	58.7	55.9
Finance, Insurance & Real Estate	15.6	15.7	15.9	15.6	15.8	16.3	16.3	16.4	16.2	16.0	15.9	15.9	16.0
Services	54.4	56.0	57.1	57.9	57.4	57.2	55.7	56.2	57.4	58.2	58.1	58.9	57.0
Government	37.6	38.1	38.2	38.4	38.3	38.9	37.6	36.3	38.5	39.3	39.9	40.1	38.4
Federal	5.9	6.0	6.0	6.1	6.1	6.4	6.1	6.2	6.1	6.1	6.1	6.2	6.1
State	8.0	8.4	8.4	8.3	8.3	8.1	8.2	8.1	8.2	8.5	8.6	8.6	8.3
Local	23.7	23.7	23.8	24.0	23.9	24.4	23.3	22.0	24.2	24.7	25.2	25.3	24.0

WORCESTER, MASSACHUSETTS MSA
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	191.8	193.3	194.6	197.9	199.2	201.4	197.9	197.4	199.7	202.5	204.1	206.4	198.9
Manufacturing	45.6	45.7	45.6	45.6	45.5	46.1	45.2	45.4	45.3	45.0	45.2	45.5	45.5
Durable Goods	30.5	30.5	30.4	30.1	30.0	30.3	29.7	29.9	29.9	29.7	29.8	30.0	30.1
Primary Metals	2.1	2.1	2.1	2.1	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1
Fabricated Metals	6.8	6.8	6.8	6.7	6.7	6.9	6.7	6.8	7.0	7.0	7.1	7.2	6.9
Machinery, except electrical	10.2	10.1	10.2	10.1	10.0	10.1	10.1	10.1	10.1	10.0	10.0	10.1	10.1
Other durable goods	11.4	11.5	11.3	11.2	11.1	11.2	10.9	11.0	10.8	10.7	10.7	10.7	11.0
Nondurable Goods	15.1	15.2	15.2	15.5	15.5	15.8	15.5	15.5	15.4	15.3	15.4	15.5	15.4
Textile mill products	2.8	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.8
Leather & Leather products	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.8	0.7	0.7	0.8	0.7
Other nondurable goods	11.6	11.7	11.7	11.9	11.9	12.1	12.0	12.0	11.9	11.9	12.0	12.0	11.9
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction	8.3	7.8	8.1	9.1	9.8	10.3	10.7	10.5	10.3	10.2	10.1	10.0	9.6
Transportation, Communication & Public Utilities	8.1	8.2	8.3	8.4	8.7	8.9	8.6	8.6	8.8	8.9	9.0	9.1	8.6
Wholesale & Retail trade	47.1	46.5	46.6	47.7	47.7	48.2	48.0	47.8	47.9	49.0	50.2	51.2	48.2
Finance, Insurance & Real Estate	13.1	13.0	13.1	13.6	13.8	14.0	14.4	14.5	14.3	14.0	14.0	14.0	13.8
Services	46.1	48.2	48.8	49.3	49.4	49.3	48.2	47.8	49.0	50.9	50.8	51.8	49.1
Government	23.4	23.8	24.0	24.1	24.2	24.5	22.7	22.7	24.0	24.4	24.7	24.7	23.9

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Department of Employment and Training

Employment Review

MARCH 1989

EMPLOYMENT INCREASES SEEN

Total nonagricultural employment in Massachusetts increased by 15,900 workers over the past month reaching a total of 3,118,600 workers. Over the year, employment has increased by 32,100 jobs. The service sector showed the largest proportion of the annual increase displaying a level 30,700 higher than in March 1988. Health services, with a March 1989 total of 253,100 workers accounted for 5,100 of the over the year increase in service sector jobs.

- The manufacturing sector held nearly steady over the month with a decline of only 300 jobs, with 384,200 employed in the production of durable goods and 196,600 workers in the nondurable goods producing industries.
- Construction, with 131,400 workers showed a smaller amount of over the month growth than a year earlier. Employment is only slightly ahead of the March 1988 level of 130,000.
- Trade; finance, insurance, and real estate; and government all showed small over the month increases.

QUARTERLY DATA DISPLAYS MODEST GROWTH

The table below presents the statewide average quarterly employment levels for each of the major industrial divisions for the first quarters of 1987, 1988, and 1989. Nonagricultural employment growth between the first quarters of 1988 and 1989 was 1.5 percent, approximately half of the 2.7 percent growth for the same period a year ago.

Massachusetts Average Quarterly Employment
By Industry
First Quarter 1987, 1988, 1989

Ind.	1987	1988	1989	1988 Growth Rate	1989 Growth Rate
Total	2976.7	3058.4	3105.2	2.7	1.5
Mfg.	601.2	587.8	579.8	-2.2	-1.4
Dur.	400.4	389.8	383.0	-2.6	-1.7
Nondur.	200.9	198.0	196.9	-1.4	-0.6
Constr.	117.9	127.1	132.0	7.8	3.9
Transp.	126.1	132.5	134.3	5.1	1.4
Trade	701.6	715.5	721.2	2.0	0.8
Finance	210.1	220.2	227.7	4.8	3.4
Services	824.8	865.9	901.0	5.0	4.1
Gov't	393.4	407.9	407.9	3.7	0.0

On an industry basis employment growth has weakened in all of the nonmanufacturing divisions,

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3118.6	3102.7	3086.5	15.9	0.5	32.1	1.0
Manufacturing	579.0	579.3	589.3	-0.3	-0.1	-10.3	-1.7
Durable Goods	382.4	382.6	390.8	-0.2	-0.1	-8.4	-2.1
Lumber & Furniture	12.1	12.0	12.9	0.1	0.8	-0.8	-6.2
Stone,Clay & Glass	10.9	10.9	10.8	0.0	****	0.1	0.9
Primary Metals	15.6	15.6	15.6	0.0	****	0.0	****
Fabricated Metals	40.8	40.8	41.3	0.0	****	-0.5	-1.2
Cutlery,Hand tools,Hardware	8.4	8.4	9.1	0.0	****	-0.7	-7.7
Machinery, except electrical	100.5	100.3	100.2	0.2	0.2	0.3	0.3
Metalworking machinery	13.5	13.3	13.2	0.2	1.5	0.3	2.3
Special industry machinery	11.0	11.0	11.2	0.0	****	-0.2	-1.8
* Office Computing, & Accounting Machines	55.0	54.9	54.0	0.1	0.2	1.0	1.9
Electrical & Electronic machinery,equip.,etc.	99.7	99.7	103.6	0.0	****	-3.9	-3.8
Communications equipment	36.7	36.6	38.5	0.1	0.3	-1.8	-4.7
Electronic components	39.2	39.2	40.7	0.0	****	-1.5	-3.7
Transportation equipment	31.2	31.5	32.3	-0.3	-1.0	-1.1	-3.4
Instruments	52.9	53.0	54.8	-0.1	-0.2	-1.9	-3.5
Measuring & Control devices	20.6	20.7	20.4	-0.1	-0.5	0.2	1.0
Miscellaneous Manufacturing Industries	18.7	18.8	19.3	-0.1	-0.5	-0.6	-3.1
Jewelry	7.1	7.2	7.4	-0.1	-1.4	-0.3	-4.1
Nondurable Goods	196.6	196.7	198.5	-0.1	-0.1	-1.9	-1.0
Food & kindred products	20.4	20.6	20.9	-0.2	-1.0	-0.5	-2.4
Textile mill products	15.8	15.8	16.7	0.0	****	-0.9	-5.4
Apparel	23.5	23.5	24.6	0.0	****	-1.1	-4.5
Mens & Boys suits,coats & furnishings	6.2	6.2	6.6	0.0	****	-0.4	-6.1
Paper & allied products	24.8	24.9	24.7	-0.1	-0.4	0.1	0.4
Printing & Publishing	56.6	56.4	55.8	0.2	0.4	0.8	1.4
Chemicals	18.9	18.8	18.2	0.1	0.5	0.7	3.8
Rubber & miscellaneous Plastic products	26.9	27.0	27.4	-0.1	-0.4	-0.5	-1.8
Miscellaneous Plastic products	20.7	20.8	21.2	-0.1	-0.5	-0.5	-2.4
Leather & Leather products	8.4	8.4	8.8	0.0	****	-0.4	-4.5
Footwear, except rubber	3.9	3.8	4.2	0.1	2.6	-0.3	-7.1
Mining	1.3	1.2	1.5	0.1	8.3	-0.2	-13.3
Construction	131.4	130.4	130.0	1.0	0.8	1.4	1.1
Transportation, Communication & Public Utilities	133.9	134.6	133.7	-0.7	-0.5	0.2	0.1
Wholesale & Retail trade	721.4	717.6	716.7	3.8	0.5	4.7	0.7
Wholesale Trade	180.5	180.1	175.1	0.4	0.2	5.4	3.1
Retail Trade	540.9	537.5	541.6	3.4	0.6	-0.7	-0.1
Finance, Insurance & Real Estate	228.5	227.3	220.7	1.2	0.5	7.8	3.5
Banking	65.3	65.1	64.8	0.2	0.3	0.5	0.8
Services	913.3	904.2	882.6	9.1	1.0	30.7	3.5
Health Services	253.1	252.6	248.0	0.5	0.2	5.1	2.1
Educational Services	123.1	120.8	123.6	2.3	1.9	-0.5	-0.4
Government	409.8	408.1	412.0	1.7	0.4	-2.2	-0.5
Federal	62.9	62.8	63.9	0.1	0.2	-1.0	-1.6
U.S. Postal Service	27.3	27.3	27.2	0.0	****	0.1	0.4
State	101.0	101.1	102.6	-0.1	-0.1	-1.6	-1.6
Educational services	23.6	23.5	26.9	0.1	0.4	-3.3	-12.3
Local	245.9	244.2	245.5	1.7	0.7	0.4	0.2
Educational services	141.2	140.3	140.8	0.9	0.6	0.4	0.3
Other Local	104.7	103.9	104.7	0.8	0.8	0.0	****
* High Technology Manufacturing	232.3	232.5	238.0	-0.2	-0.1	-5.7	-2.4
* High Technology Nonmanufacturing	91.4	91.0	88.5	0.4	0.4	2.9	3.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1758.2	1752.0	1735.8	6.2	0.4	22.4	1.3
Manufacturing	267.8	266.9	271.6	0.9	0.3	-3.8	-1.4
Durable Goods	190.0	189.9	194.0	0.1	0.1	-4.0	-2.1
Primary Metals	3.1	3.2	3.2	-0.1	-3.1	-0.1	-3.1
Fabricated Metals	15.2	15.2	15.7	0.0	****	-0.5	-3.2
Machinery, except electrical	44.9	44.8	46.0	0.1	0.2	-1.1	-2.4
Electrical & Electronic machinery,equip.,etc.	56.1	56.1	57.9	0.0	****	-1.8	-3.1
Transportation equipment	19.6	19.8	19.3	-0.2	-1.0	0.3	1.6
Instruments	39.7	39.5	40.3	0.2	0.5	-0.6	-1.5
Nondurable Goods	77.8	77.0	77.6	0.8	1.0	0.2	0.3
Food & kindred products	11.0	10.8	10.7	0.2	1.9	0.3	2.8
Textile mill products	2.0	2.0	2.3	0.0	****	-0.3	-13.0
Apparel	5.9	5.7	6.4	0.2	3.5	-0.5	-7.8
Paper & allied products	6.7	6.6	6.8	0.1	1.5	-0.1	-1.5
Printing & Publishing	34.2	34.0	33.1	0.2	0.6	1.1	3.3
Chemicals	8.0	7.9	7.9	0.1	1.3	0.1	1.3
Rubber & miscellaneous Plastic products	7.1	7.2	7.4	-0.1	-1.4	-0.3	-4.1
Leather & Leather products	2.3	2.2	2.4	0.1	4.5	-0.1	-4.2
Mining	0.9	0.9	0.8	0.0	****	0.1	12.5
Construction	67.6	66.9	66.6	0.7	1.0	1.0	1.5
Transportation, Communication & Public Utilities	75.7	76.5	76.2	-0.8	-1.0	-0.5	-0.7
Wholesale & Retail trade	386.3	386.4	387.0	-0.1	****	-0.7	-0.2
Finance, Insurance & Real Estate	157.1	156.8	151.8	0.3	0.2	5.3	3.5
Banking	44.0	43.8	43.3	0.2	0.5	0.7	1.6
Insurance	34.6	34.5	35.3	0.1	0.3	-0.7	-2.0
Services	594.6	588.7	575.7	5.9	1.0	18.9	3.3
Health Services	146.3	146.1	141.1	0.2	0.1	5.2	3.7
Educational Services	94.1	91.4	95.3	2.7	3.0	-1.2	-1.3
Government	208.2	208.9	206.1	-0.7	-0.3	2.1	1.0
Federal	37.7	37.7	38.2	0.0	****	-0.5	-1.3
U.S. Postal Service	15.1	15.2	15.1	-0.1	-0.7	0.0	****
Federal Hospitals	5.0	5.0	5.0	0.0	****	0.0	****
State	49.7	50.1	50.4	-0.4	-0.8	-0.7	-1.4
State Hospitals	4.9	5.0	4.8	-0.1	-2.0	0.1	2.1
Educational services	8.6	8.7	8.5	-0.1	-1.1	0.1	1.2
Local	120.8	121.1	117.5	-0.3	-0.2	3.3	2.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	242.6	240.8	240.8	1.8	0.7	1.8	0.7
Manufacturing	50.3	50.5	51.3	-0.2	-0.4	-1.0	-1.9
Durable Goods	25.4	25.5	26.0	-0.1	-0.4	-0.6	-2.3
Fabricated Metals	6.8	6.9	7.0	-0.1	-1.4	-0.2	-2.9
Machinery, except electrical	6.2	6.1	6.2	0.1	1.6	0.0	****
Nondurable Goods	24.9	25.0	25.3	-0.1	-0.4	-0.4	-1.6
Textile mill products	1.5	1.5	1.6	0.0	****	-0.1	-6.3
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.2	8.2	8.0	0.0	****	0.2	2.5
Printing & Publishing	6.4	6.5	6.5	-0.1	-1.5	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.8	9.5	9.1	0.3	3.2	0.7	7.7
Transportation, Communication & Public Utilities	10.4	10.3	9.7	0.1	1.0	0.7	7.2
Wholesale & Retail trade	57.1	56.7	56.3	0.4	0.7	0.8	1.4
Finance, Insurance & Real Estate	15.4	15.4	15.7	0.0	****	-0.3	-1.9
Services	60.8	59.7	59.0	1.1	1.8	1.8	3.1
Government	38.7	38.6	39.6	0.1	0.3	-0.9	-2.3
Federal	6.1	6.1	6.1	0.0	****	0.0	****
State	8.6	8.7	8.6	-0.1	-1.1	0.0	****
Local	24.0	23.8	24.9	0.2	0.8	-0.9	-3.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	213.0	211.9	205.3	1.1	0.5	7.7	3.8
Manufacturing	45.8	45.8	44.9	0.0	****	0.9	2.0
Durable Goods	30.2	30.3	29.6	-0.1	-0.3	0.6	2.0
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.5	7.4	7.0	0.1	1.4	0.5	7.1
Machinery, except electrical	10.0	9.9	9.9	0.1	1.0	0.1	1.0
Nondurable Goods	15.6	15.5	15.3	0.1	0.6	0.3	2.0
Textile mill products	2.5	2.5	2.6	0.0	****	-0.1	-3.8
Leather & Leather products	0.6	0.6	0.8	0.0	****	-0.2	-25.0
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.8	9.6	9.2	0.2	2.1	0.6	6.5
Transportation, Communication & Public Utilities	9.6	9.6	9.4	0.0	****	0.2	2.1
Wholesale & Retail trade	51.5	51.3	49.3	0.2	0.4	2.2	4.5
Finance, Insurance & Real Estate	15.0	14.9	14.3	0.1	0.7	0.7	4.9
Services	55.8	55.2	52.6	0.6	1.1	3.2	6.1
Government	25.4	25.4	25.5	0.0	****	-0.1	-0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.2	74.2	73.2	1.0	1.3	2.0	2.7
Manufacturing	11.1	11.0	11.2	0.1	0.9	-0.1	-0.9
Durable Goods	6.2	6.2	6.1	0.0	****	0.1	1.6
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	4.9	4.8	5.1	0.1	2.1	-0.2	-3.9
Construction	3.9	3.8	3.6	0.1	2.6	0.3	8.3
Transportation, Communication & Public Utilities	5.1	5.0	5.3	0.1	2.0	-0.2	-3.8
Wholesale & Retail trade	22.6	22.5	22.0	0.1	0.4	0.6	2.7
Finance, Insurance & Real Estate	3.4	3.4	3.3	0.0	****	0.1	3.0
Services	16.7	16.1	15.5	0.6	3.7	1.2	7.7
Government	12.4	12.4	12.3	0.0	****	0.1	0.8
Federal	3.3	3.3	3.0	0.0	****	0.3	10.0
State	2.7	2.8	2.7	-0.1	-3.6	0.0	****
Local	6.4	6.3	6.6	0.1	1.6	-0.2	-3.0
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	165.5	164.0	164.2	1.5	0.9	1.3	0.8
Manufacturing	48.9	48.6	50.6	0.3	0.6	-1.7	-3.4
Durable Goods	34.3	34.2	36.3	0.1	0.3	-2.0	-5.5
Nondurable Goods	14.6	14.4	14.3	0.2	1.4	0.3	2.1
Leather & Leather products	1.9	1.8	1.9	0.1	5.6	0.0	****
Construction	7.3	7.3	7.2	0.0	****	0.1	1.4
Transportation, Communication & Public Utilities	7.1	7.1	6.9	0.0	****	0.2	2.9
Wholesale & Retail trade	37.1	36.8	36.0	0.3	0.8	1.1	3.1
Finance, Insurance & Real Estate	6.7	6.7	6.4	0.0	****	0.3	4.7
Services	36.0	35.4	34.7	0.6	1.7	1.3	3.7
Government	22.4	22.1	22.4	0.3	1.4	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
*** PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	41.9	41.6	41.5	0.3	0.7	0.4	1.0
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.8	10.8	11.2	0.0	****	-0.4	-3.6
Machinery	6.4	6.4	6.8	0.0	****	-0.4	-5.9
All other manufacturing	4.4	4.4	4.4	0.0	****	0.0	****
Construction	2.2	2.1	2.0	0.1	4.8	0.2	10.0
Transportation, Communication & Public Utilities	1.2	1.2	1.2	0.0	****	0.0	****
Wholesale & Retail trade	10.1	10.0	9.5	0.1	1.0	0.6	6.3
Finance, Insurance & Real Estate	1.9	1.9	1.9	0.0	****	0.0	****
Services	10.7	10.6	10.6	0.1	0.9	0.1	0.9
Government	4.9	4.9	5.0	0.0	****	-0.1	-2.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.2	67.9	67.2	0.3	0.4	1.0	1.5
Manufacturing	18.5	18.5	19.4	0.0	****	-0.9	-4.6
Durable Goods	8.0	8.0	8.3	0.0	****	-0.3	-3.6
Primary & Fabricated Metals	2.4	2.4	2.5	0.0	****	-0.1	-4.0
Nondurable Goods	10.5	10.5	11.1	0.0	****	-0.6	-5.4
Apparel	5.2	5.3	5.8	-0.1	-1.9	-0.6	-10.3
Construction	3.2	3.1	2.9	0.1	3.2	0.3	10.3
Transportation, Communication & Public Utilities	2.9	2.9	2.9	0.0	****	0.0	****
Wholesale & Retail trade	16.4	16.2	16.0	0.2	1.2	0.4	2.5
Finance, Insurance & Real Estate	2.5	2.5	2.6	0.0	****	-0.1	-3.8
Services	13.9	13.9	13.4	0.0	****	0.5	3.7
Government	10.8	10.8	10.0	0.0	****	0.8	8.0
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	55.3	54.7	55.5	0.6	1.1	-0.2	-0.4
Manufacturing	15.3	15.3	16.7	0.0	****	-1.4	-8.4
Textile mill products	3.9	3.9	4.1	0.0	****	-0.2	-4.9
All other manufacturing	11.4	11.4	12.6	0.0	****	-1.2	-9.5
Construction	2.8	2.6	2.4	0.2	7.7	0.4	16.7
Transportation, Communication & Public Utilities	1.9	1.8	1.9	0.1	5.6	0.0	****
Wholesale & Retail trade	14.0	13.9	13.9	0.1	0.7	0.1	0.7
Finance, Insurance & Real Estate	3.4	3.4	3.2	0.0	****	0.2	6.3
Services	10.8	10.7	10.4	0.1	0.9	0.4	3.8
Government	7.1	7.0	7.0	0.1	1.4	0.1	1.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAR 1989	FEB 1989	MAR 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	41.5	41.0	41.2	0.5	1.2	0.3	0.7
Manufacturing	12.2	12.1	12.1	0.1	0.8	0.1	0.8
Durable Goods	5.1	5.1	5.0	0.0	****	0.1	2.0
Machinery, except electrical	3.1	3.1	3.0	0.0	****	0.1	3.3
Nondurable Goods	7.1	7.0	7.1	0.1	1.4	0.0	****
Rubber & miscellaneous Plastic products	3.6	3.6	3.7	0.0	****	-0.1	-2.7
Construction	2.4	2.3	2.2	0.1	4.3	0.2	9.1
Transportation, Communication & Public Utilities	1.6	1.6	1.7	0.0	****	-0.1	-5.9
Wholesale & Retail trade	10.3	10.2	10.0	0.1	1.0	0.3	3.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	8.4	8.2	8.4	0.2	2.4	0.0	****
Government	4.9	4.9	5.1	0.0	****	-0.2	-3.9
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	110.7	109.7	108.3	1.0	0.9	2.4	2.2
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.2	36.2	36.9	0.0	****	-0.7	-1.9
Construction	5.2	5.1	4.9	0.1	2.0	0.3	6.1
Transportation, Communication & Public Utilities	5.5	5.4	4.9	0.1	1.9	0.6	12.2
Wholesale & Retail trade	24.2	24.1	23.2	0.1	0.4	1.0	4.3
Finance, Insurance & Real Estate	4.1	4.0	3.7	0.1	2.5	0.4	10.8
Services	21.4	20.9	20.7	0.5	2.4	0.7	3.4
Government	14.0	13.9	13.8	0.1	0.7	0.2	1.4
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	115.5	114.6	112.2	0.9	0.8	3.3	2.9
Manufacturing	21.6	21.9	22.4	-0.3	-1.4	-0.8	-3.6
Durable Goods	14.8	14.9	15.3	-0.1	-0.7	-0.5	-3.3
Nondurable Goods	6.9	6.9	7.1	0.0	****	-0.2	-2.8
Construction	5.3	5.3	4.8	0.0	****	0.5	10.4
Transportation, Communication & Public Utilities	4.1	4.0	3.7	0.1	2.5	0.4	10.8
Wholesale & Retail trade	33.1	33.0	32.6	0.1	0.3	0.5	1.5
Finance, Insurance & Real Estate	6.2	6.0	5.7	0.2	3.3	0.5	8.8
Services	29.0	28.7	27.2	0.3	1.0	1.8	6.6
Government	16.2	15.7	15.8	0.5	3.2	0.4	2.5

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS

MANUFACTURING

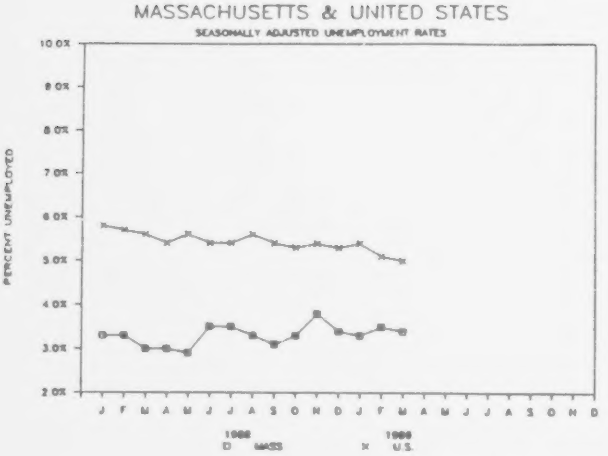
Area	Average Weekly Hours MAR 89	FEB 89	MAR 88	Average Hourly Earnings MAR 89	FEB 89	MAR 88
UNITED STATES	40.9	40.7	40.9	$10.39	$10.35	$10.07
MASSACHUSETTS	41.4	41.4	41.5	10.62	10.56	10.23
BOSTON	41.3	41.1	41.5	11.31	11.28	10.85
BROCKTON	40.5	39.8	40.4	8.81	8.69	8.38
FALL RIVER	37.8	37.6	37.0	8.21	8.11	7.53
LAWRENCE-HAVERHILL	40.8	40.7	40.2	10.63	10.52	9.96
LOWELL	40.0	40.8	42.6	10.56	10.40	10.04
NEW BEDFORD	38.1	38.0	37.5	8.98	9.00	8.71
SPRINGFIELD	42.4	42.7	43.0	9.90	9.84	9.51
WORCESTER	41.6	41.5	40.7	10.67	10.65	10.27

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours MAR 89	FEB 89	MAR 88	Average Hourly Earnings MAR 89	FEB 89	MAR 88
MANUFACTURING	41.4	41.4	41.5	$10.62	$10.56	$10.23
DURABLE GOODS	42.1	42.1	42.1	11.07	11.01	10.69
LUMBER & FURNITURE	39.9	39.8	39.7	8.65	8.55	8.05
STONE, CLAY & GLASS	42.2	42.1	41.0	12.57	12.62	12.68
PRIMARY METALS	42.5	42.4	41.6	10.64	10.48	9.88
FABRICATED METALS	42.0	41.9	42.1	11.19	11.13	10.78
CUTLERY, ETC.	45.1	45.1	45.9	11.74	11.59	11.24
MACHINERY, EX. ELEC.	42.4	42.2	43.3	11.36	11.25	10.86
METALWORKING MACH.	44.6	44.1	43.9	11.49	11.32	11.32
SPECIAL INDU. MACH.	43.6	44.2	44.7	12.32	12.18	11.95
ELEC. & ELECTRON. MACH.	41.0	40.9	41.2	10.57	10.48	10.27
COMMUNICATIONS EQUIP.	42.2	42.2	39.8	11.00	10.89	10.71
ELECTRONIC COMP.	41.3	40.9	41.8	10.67	10.62	10.23
TRANSPORTATION EQUIP.	42.3	43.0	42.9	13.23	13.22	12.75
INSTRUMENTS	44.0	43.7	43.2	11.41	11.36	11.05
MEAS. & CONTROL DEVICES	46.2	46.1	45.7	8.93	8.90	8.43
MISC. MANUFAC. IND.	42.3	42.7	41.2	9.45	9.55	8.87
JEWELRY	41.8	41.8	40.5	8.59	8.59	7.98
NONDURABLE GOODS	40.2	40.3	40.6	9.87	9.83	9.57
FOOD & KINDRED PROD.	40.4	40.2	39.6	10.45	10.44	10.15
TEXTILE MILL PROD.	42.5	43.7	43.3	9.18	9.21	8.85
APPAREL	38.3	38.6	38.5	7.09	7.10	6.69
MENS & BOYS SUITS	37.9	38.5	40.4	7.77	7.66	7.26
PAPER & ALLIED PRODUCTS	43.1	43.8	45.2	10.67	10.61	10.23
PRINTING & PUBLISHING	38.2	37.9	37.0	10.99	10.87	10.30
CHEMICALS	40.8	40.7	44.4	12.05	12.11	11.96
RUBBER & PLASTIC PROD.	41.7	41.6	42.6	9.50	9.39	9.52
MISC. PLAS. PROD.	40.2	39.9	41.3	9.31	9.17	9.34
LEATHER & LEATHER PROD.	37.1	36.7	36.5	7.81	7.79	7.61
FOOTWEAR, EX. RUBBER	36.1	36.2	37.5	7.00	6.96	6.77



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although all continue to show positive or stable growth. On the other hand, the rate of decrease in the manufacturing industries, both durable and nondurable, are declining at a slower rate than one year ago.

All of the Commonwealth's major labor areas showed either stable employment or growth between the first quarter of 1988 and the first quarter of 1989. Labor areas that grew at a faster rate than the state were led by the Worcester MSA (+4.2 percent). In second place was Salem-Gloucester (+3.4 percent), and then, Brockton (+2.8 percent), Lowell (+2.4 percent), New Bedford (+2.4 percent), and Boston (+1.8 percent). The slower growth areas were Lawrence-Haverhill (+1.2 percent), Springfield (+1.0 percent), Fitchburg-Leominster (+0.7 percent), and Pittsfield (+0.7 percent). Employment in Fall River remained unchanged.

The Commonwealth's high technology industries suffered a setback during the period as employment in the manufacturing portion fell (-2.0 percent) to 232,800 jobs. Nonmanufacturing high technology, which is about one third the size of manufacturing high technology, did grow (+3.5 percent), only one half the pace set in last year's fourth quarter.

UNEMPLOYMENT RATE DROPS

Massachusetts' seasonally adjusted unemployment rate for March declined to 3.4 percent from February's rate of 3.5 percent. The national seasonally adjusted rate also posted a decline over the month to 5.0 percent from February's rate of 5.1 percent. Of the eleven large states only Illinois (5.6 percent) and Michigan (6.6 percent) experienced higher rates of unemployment over the month, while all of the others had reduced levels.

- Within Massachusetts, the seasonally unadjusted rates of unemployment were lower for several of the smaller labor market areas with the Nantucket LMA having the lowest at 2.8 percent.
- The Boston PMSA unemployment rate of 3.3 percent continues to be the lowest among the major labor market areas, followed by the Worcester MSA at 3.8 percent, and Salem-Gloucester PMSA at 3.9 percent.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	MARCH 1989	FEBRUARY 1989	MARCH 1988
United States	5.0	5.1	5.6
Massachusetts	3.4	3.5	3.0
Labor Force	3,160.0	3,205.0	3,173.0
Employed	3,051.0	3,094.0	3,078.0
Unemployed	109.0	111.0	95.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	MARCH 1989	FEBRUARY 1989	MARCH 1988
UNITED STATES			
LABOR FORCE	122,222,000	121,906,000	119,957,000
EMPLOYMENT	115,844,000	115,023,000	112,867,000
UNEMPLOYMENT	6,378,000	6,883,000	7,090,000
PERCENT UNEMPLOYED	5.2	5.6	5.9
MASSACHUSETTS			
LABOR FORCE	3,156,400	3,162,400	3,165,100
EMPLOYMENT	3,028,200	3,038,300	3,051,500
UNEMPLOYMENT	128,200	124,100	113,600
PERCENT UNEMPLOYED	4.1	3.9	3.6
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,557,690	1,567,770	1,572,320
EMPLOYMENT	1,506,280	1,518,130	1,525,650
UNEMPLOYMENT	51,410	49,640	46,670
PERCENT UNEMPLOYED	3.3	3.2	3.0
BROCKTON PMSA			
LABOR FORCE	100,170	99,780	99,290
EMPLOYMENT	95,590	95,390	95,420
UNEMPLOYMENT	4,580	4,400	3,870
PERCENT UNEMPLOYED	4.6	4.4	3.9
FALL RIVER PMSA			
LABOR FORCE	76,460	76,140	78,190
EMPLOYMENT	71,000	70,870	73,050
UNEMPLOYMENT	5,460	5,270	5,140
PERCENT UNEMPLOYED	7.1	6.9	6.6
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	47,810	47,180	49,140
EMPLOYMENT	45,250	44,760	47,200
UNEMPLOYMENT	2,550	2,420	1,950
PERCENT UNEMPLOYED	5.3	5.1	4.0
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	188,380	187,590	189,780
EMPLOYMENT	179,570	178,840	182,050
UNEMPLOYMENT	8,810	8,740	7,730
PERCENT UNEMPLOYED	4.7	4.7	4.1
LOWELL PMSA			
LABOR FORCE	155,400	154,950	153,580
EMPLOYMENT	148,970	148,780	148,250
UNEMPLOYMENT	6,430	6,170	5,330
PERCENT UNEMPLOYED	4.1	4.0	3.5
NEW BEDFORD MSA			
LABOR FORCE	87,410	87,470	86,570
EMPLOYMENT	81,570	81,680	81,340
UNEMPLOYMENT	5,840	5,790	5,220
PERCENT UNEMPLOYED	6.7	6.6	6.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	MARCH 1989	FEBRUARY 1989	MARCH 1988
PITTSFIELD MSA			
LABOR FORCE	40,020	40,120	40,390
EMPLOYMENT	37,770	37,850	38,350
UNEMPLOYMENT	2,250	2,270	2,040
PERCENT UNEMPLOYED	5.6	5.7	5.0
SALEM-GLOUCESTER PMSA			
LABOR FORCE	155,260	154,910	154,040
EMPLOYMENT	149,230	149,470	148,650
UNEMPLOYMENT	6,030	5,430	5,390
PERCENT UNEMPLOYED	3.9	3.5	3.5
SPRINGFIELD MSA			
LABOR FORCE	252,120	252,920	255,660
EMPLOYMENT	241,780	242,810	246,460
UNEMPLOYMENT	10,340	10,100	9,210
PERCENT UNEMPLOYED	4.1	4.0	3.6
WORCESTER MSA			
LABOR FORCE	227,870	228,740	224,540
EMPLOYMENT	219,180	220,600	217,070
UNEMPLOYMENT	8,690	8,140	7,470
PERCENT UNEMPLOYED	3.8	3.6	3.3
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	33,140	32,690	32,360
EMPLOYMENT	32,150	31,650	31,520
UNEMPLOYMENT	990	1,040	850
PERCENT UNEMPLOYED	3.0	3.2	2.6
ATHOL LMA			
LABOR FORCE	10,450	10,470	10,380
EMPLOYMENT	9,720	9,720	9,740
UNEMPLOYMENT	730	750	640
PERCENT UNEMPLOYED	7.0	7.1	6.2
ATTLEBORO LMA			
LABOR FORCE	47,950	48,150	48,840
EMPLOYMENT	45,190	45,280	46,080
UNEMPLOYMENT	2,760	2,870	2,760
PERCENT UNEMPLOYED	5.8	6.0	5.7
BARNSTABLE LMA			
LABOR FORCE	101,220	99,910	96,130
EMPLOYMENT	94,650	93,290	90,350
UNEMPLOYMENT	6,570	6,620	5,780
PERCENT UNEMPLOYED	6.5	6.6	6.0
DUKES COUNTY LMA			
LABOR FORCE	6,400	6,300	5,870
EMPLOYMENT	6,040	5,930	5,570
UNEMPLOYMENT	360	380	300
PERCENT UNEMPLOYED	5.7	5.9	5.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	MARCH 1989	FEBRUARY 1989	MARCH 1988
GARDNER LMA			
LABOR FORCE	15,380	15,250	15,150
EMPLOYMENT	14,450	14,350	14,400
UNEMPLOYMENT	940	900	750
PERCENT UNEMPLOYED	6.1	5.9	5.0
GREAT BARRINGTON LMA			
LABOR FORCE	8,770	8,950	9,000
EMPLOYMENT	8,470	8,620	8,670
UNEMPLOYMENT	300	330	330
PERCENT UNEMPLOYED	3.4	3.7	3.6
GREENFIELD LMA			
LABOR FORCE	26,960	26,800	27,010
EMPLOYMENT	25,790	25,600	26,150
UNEMPLOYMENT	1,170	1,210	870
PERCENT UNEMPLOYED	4.3	4.5	3.2
NANTUCKET LMA			
LABOR FORCE	4,390	4,290	4,220
EMPLOYMENT	4,270	4,150	4,110
UNEMPLOYMENT	120	150	110
PERCENT UNEMPLOYED	2.8	3.4	2.7
NORTH ADAMS LMA			
LABOR FORCE	19,130	19,320	19,710
EMPLOYMENT	18,080	18,270	18,710
UNEMPLOYMENT	1,050	1,050	1,000
PERCENT UNEMPLOYED	5.5	5.4	5.1
SOUTHBRIDGE LMA			
LABOR FORCE	12,520	12,150	13,290
EMPLOYMENT	11,810	11,440	12,480
UNEMPLOYMENT	710	710	810
PERCENT UNEMPLOYED	5.7	5.8	6.1
TAUNTON LMA			
LABOR FORCE	29,450	28,250	28,370
EMPLOYMENT	27,710	26,680	27,060
UNEMPLOYMENT	1,750	1,570	1,320
PERCENT UNEMPLOYED	5.9	5.6	4.6
WARE LMA			
LABOR FORCE	8,820	8,780	8,490
EMPLOYMENT	8,310	8,270	8,020
UNEMPLOYMENT	510	510	470
PERCENT UNEMPLOYED	5.8	5.8	5.5
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,970	9,690	9,180
EMPLOYMENT	9,540	9,250	8,780
UNEMPLOYMENT	430	440	400
PERCENT UNEMPLOYED	4.3	4.5	4.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

MARCH 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,755	7,430	325	4.2
ACTON	10,135	9,908	227	2.2
ACUSHNET	5,230	4,942	288	5.5
ADAMS	4,964	4,690	274	5.5
AGAWAM	14,360	13,884	476	3.3
ALFORD	220	216	4	1.8
AMESBURY	7,369	7,049	320	4.3
AMHERST	20,773	20,353	420	2.0
ANDOVER	13,989	13,564	425	3.0
ARLINGTON	26,363	25,782	581	2.2
ASHBURNHAM	2,431	2,335	96	3.9
ASHBY	1,264	1,231	33	2.6
ASHFIELD	913	877	36	3.9
ASHLAND	7,118	6,901	217	3.0
ATHOL	4,559	4,237	322	7.1
ATTLEBORO	18,002	16,902	1,100	6.1
AUBURN	8,959	8,621	338	3.8
AVON	2,920	2,821	99	3.4
AYER	3,550	3,407	143	4.0
BARNSTABLE	30,990	19,335	1,655	7.9
BARRE	2,426	2,302	124	5.1
BECKET	839	782	57	6.8
BEDFORD	6,840	6,680	160	2.3
BELCHERTOWN	4,760	4,585	175	3.7
BELLINGHAM	7,678	7,329	349	4.5
BELMONT	14,065	13,799	266	1.9
BERKLEY	1,987	1,820	167	8.4
BERLIN	1,331	1,247	84	6.3
BERNARDSTON	1,034	986	48	4.6
BEVERLY	22,686	22,018	668	2.9
BILLERICA	23,452	22,530	922	3.9
BLACKSTONE	3,417	3,145	272	8.0
BLANDFORD	632	618	14	2.2
BOLTON	1,673	1,616	57	3.4
BOSTON	301,438	290,470	10,968	3.6
BOURNE	7,545	7,146	399	5.3
BOXBOROUGH	2,062	2,019	43	2.1
BOXFORD	3,052	2,980	72	2.4
BOYLSTON	2,222	2,148	74	3.3
BRAINTREE	19,362	18,801	561	2.9
BREWSTER	3,464	3,301	163	4.7
BRIDGEWATER	9,641	9,250	391	4.1
BRIMFIELD	1,150	1,087	63	5.5
BROCKTON	49,561	46,919	2,642	5.3
BROOKFIELD	1,575	1,491	84	5.3
BROOKLINE	32,317	31,819	498	1.5
BUCKLAND	1,008	991	17	1.7
BURLINGTON	13,787	13,352	435	3.2
CAMBRIDGE	54,136	52,780	1,356	2.5
CANTON	10,417	10,102	315	3.0
CARLISLE	2,237	2,198	39	1.7
CARVER	4,664	4,453	211	4.5
CHARLEMONT	673	637	36	5.3
CHARLTON	4,418	4,176	242	5.5
CHATHAM	3,213	3,087	126	3.9
CHELMSFORD	19,907	19,374	533	2.7
CHELSEA	11,742	11,096	646	5.5
CHESHIRE	1,682	1,584	98	5.8
CHESTER	602	574	28	4.7
CHESTERFIELD	680	646	34	5.0
CHICOPEE	28,989	27,763	1,226	4.2
CHILMARK	371	356	15	4.0
CLARKSBURG	927	908	19	2.0
CLINTON	7,075	6,721	354	5.0
COHASSET	3,909	3,781	128	3.3
COLRAIN	915	861	54	5.9
CONCORD	9,184	9,030	154	1.7
CONWAY	843	814	29	3.4
CUMMINGTON	446	428	18	4.0
DALTON	3,230	3,094	136	4.2
DANVERS	14,778	14,385	393	2.7
DARTMOUTH	13,989	13,232	757	5.4
DEDHAM	13,776	13,295	481	3.5
DEERFIELD	2,923	2,821	102	3.5
DENNIS	6,953	6,582	371	5.3
DIGHTON	2,935	2,797	138	4.7
DOUGLAS	2,487	2,356	131	5.3
DOVER	2,468	2,427	41	1.7
DRACUT	15,484	14,862	622	4.0
DUDLEY	5,190	5,011	179	3.4
DUNSTABLE	1,278	1,234	44	3.4
DUXBURY	6,799	6,611	188	2.8
EAST BRIDGEWATER	5,483	5,263	220	4.0
EAST BROOKFIELD	1,018	960	58	5.7
EAST LONGMEADOW	6,330	6,161	169	2.7
EASTHAM	2,388	2,241	147	6.2
EASTHAMPTON	8,687	8,384	303	3.5
EASTON	10,845	10,533	312	2.9
EDGARTOWN	1,850	1,687	163	8.8
EGREMONT	778	761	17	2.2
ERVING	573	551	22	3.8
ESSEX	1,801	1,696	105	5.8
EVERETT	18,985	18,051	934	4.9
FAIRHAVEN	8,014	7,621	393	4.9
FALL RIVER	42,979	39,230	3,749	8.7
FALMOUTH	13,974	13,326	648	4.6
FITCHBURG	19,005	17,872	1,133	6.0
FLORIDA	387	331	56	14.5
FOXBOROUGH	8,221	7,975	246	3.0
FRAMINGHAM	39,402	38,226	1,176	3.0
FRANKLIN	10,296	9,874	422	4.1
FREETOWN	4,291	4,073	218	5.1
GARDNER	8,494	8,021	473	5.6
GAY HEAD	112	102	10	8.9
GEORGETOWN	3,115	3,001	114	3.7
GILL	766	749	17	2.2
GLOUCESTER	16,310	14,987	1,323	8.1
GOSHEN	466	451	15	3.2
GOSNOLD	30	30	0	0.0
GRAFTON	7,125	6,923	202	2.8
GRANBY	2,813	2,702	111	3.9
GRANVILLE	764	738	26	3.4
GREAT BARRINGTON	3,816	3,650	166	4.4
GREENFIELD	9,785	9,394	391	4.0
GROTON	3,904	3,800	104	2.7
GROVELAND	2,722	2,627	95	3.5
HADLEY	3,239	3,093	146	4.5
HALIFAX	3,022	2,873	149	4.9
HAMILTON	4,228	4,140	88	2.1
HAMPDEN	2,269	2,178	91	4.0
HANCOCK	315	310	5	1.6
HANOVER	6,130	5,939	191	3.1
HANSON	4,461	4,268	193	4.3
HARDWICK	986	918	68	6.9
HARVARD	3,456	3,388	68	2.0
HARWICH	4,791	4,539	252	5.3
HATFIELD	2,364	2,225	139	5.9
HAVERHILL	23,754	22,510	1,244	5.2
HAWLEY	190	188	2	1.1
HEATH	310	298	12	3.9
HINGHAM	10,179	9,918	261	2.6
HINSDALE	841	783	58	6.9
HOLBROOK	6,209	6,007	202	3.3
HOLDEN	7,903	7,741	162	2.0
HOLLAND	735	701	34	4.6
HOLLISTON	7,483	7,298	185	2.5
HOLYOKE	17,869	16,972	897	5.0
HOPEDALE	2,095	1,994	101	4.8
HOPKINTON	4,977	4,831	146	2.9
HUBBARDSTON	923	855	68	7.4
HUDSON	10,628	10,219	409	3.8
HULL	4,756	4,499	257	5.4
HUNTINGTON	913	867	46	5.0
IPSWICH	6,961	6,762	199	2.9
KINGSTON	4,348	4,125	223	5.1
LAKEVILLE	3,616	3,538	78	2.2
LANCASTER	3,211	3,120	91	2.8
LANESBOROUGH	1,608	1,513	95	5.9
LAWRENCE	29,716	27,237	2,479	8.3
LEE	2,942	2,778	164	5.6
LEICESTER	5,532	5,260	272	4.9
LENOX	3,301	3,168	133	4.0
LEOMINSTER	17,721	16,761	960	5.4
LEVERETT	1,233	1,175	58	4.7
LEXINGTON	16,701	16,425	276	1.7
LEYDEN	378	356	22	5.8
LINCOLN	3,497	3,449	48	1.4
LITTLETON	4,117	4,029	88	2.1
LONGMEADOW	7,682	7,554	128	1.7
LOWELL	54,480	51,714	2,766	5.1
LUDLOW	10,529	9,937	592	5.6
LUNENBURG	4,542	4,365	177	3.9
LYNN	40,151	38,187	1,964	4.9
LYNNFIELD	6,165	5,981	184	3.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MARCH 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	28,941	27,854	1,087	3.8
MANCHESTER	2,974	2,885	89	3.0
MANSFIELD	8,255	7,980	275	3.3
MARBLEHEAD	11,865	11,561	304	2.6
MARION	2,078	1,988	90	4.3
MARLBOROUGH	18,917	18,265	652	3.4
MARSHFIELD	11,925	11,447	478	4.0
MASHPEE	3,478	3,338	140	4.0
MATTAPOISETT	3,218	3,136	82	2.5
MAYNARD	5,781	5,575	206	3.6
MEDFIELD	5,651	5,512	139	2.5
MEDFORD	31,064	29,945	1,119	3.6
MEDWAY	5,206	5,031	175	3.4
MELROSE	15,886	15,414	472	3.0
MENDON	1,931	1,841	90	4.7
MERRIMAC	2,477	2,354	123	5.0
METHUEN	21,525	20,617	908	4.2
MIDDLEBOROUGH	8,353	7,887	466	5.6
MIDDLEFIELD	209	199	10	4.8
MIDDLETON	3,028	2,916	112	3.7
MILFORD	13,513	12,851	662	4.9
MILLBURY	6,630	6,362	268	4.0
MILLIS	4,080	3,919	161	3.9
MILLVILLE	953	890	63	6.6
MILTON	13,132	12,866	266	2.0
MONROE	66	60	6	9.1
MONSON	3,611	3,469	142	3.9
MONTAGUE	4,494	4,255	239	5.3
MONTEREY	570	559	11	1.9
MONTGOMERY	304	301	3	1.0
MOUNT WASHINGTON	71	70	1	1.4
NAHANT	2,216	2,138	78	3.5
NANTUCKET	4,393	4,272	121	2.8
NATICK	18,179	17,681	498	2.7
NEEDHAM	15,376	15,083	293	1.9
NEW ASHFORD	93	93	0	0.0
NEW BEDFORD	48,566	44,615	3,951	8.1
NEW BRAINTREE	327	313	14	4.3
NEW MARLBOROUGH	711	701	10	1.4
NEW SALEM	434	376	58	13.4
NEWBURY	2,696	2,582	114	4.2
NEWBURYPORT	8,942	8,516	426	4.8
NEWTON	48,006	47,057	949	2.0
NORFOLK	3,715	3,582	133	3.6
NORTH ADAMS	8,145	7,524	621	7.6
NORTH ANDOVER	11,380	11,036	344	3.0
NORTH ATTLEBOROUGH	11,861	11,292	569	4.8
NORTH BROOKFIELD	2,277	2,188	89	3.9
NORTH READING	6,946	6,726	220	3.2
NORTHAMPTON	14,223	13,746	477	3.4
NORTHBOROUGH	6,641	6,479	162	2.4
NORTHBRIDGE	6,881	6,646	235	3.4
NORTHFIELD	1,392	1,343	49	3.5
NORTON	7,521	7,219	302	4.0
NORWELL	4,888	4,757	131	2.7
NORWOOD	17,073	16,448	625	3.7
OAK BLUFFS	1,188	1,105	83	7.0
OAKHAM	560	528	32	5.7
ORANGE	2,875	2,657	218	7.6
ORLEANS	3,052	2,900	152	5.0
OTIS	523	477	46	8.8
OXFORD	6,754	6,475	279	4.1
PALMER	6,262	5,992	270	4.3
PAXTON	2,268	2,239	29	1.3
PEABODY	28,267	27,216	1,051	3.7
PELHAM	1,002	969	33	3.3
PEMBROKE	7,516	7,211	305	4.1
PEPPERELL	5,523	5,310	213	3.9
PERU	432	417	15	3.5
PETERSHAM	448	432	16	3.6
PHILLIPSTON	478	456	22	4.6
PITTSFIELD	24,312	22,800	1,512	6.2
PLAINFIELD	249	220	29	11.6
PLAINVILLE	3,189	2,991	198	6.2
PLYMOUTH	19,482	18,379	1,103	5.7
PLYMPTON	1,151	1,098	53	4.6
PRINCETON	1,759	1,714	45	2.6
PROVINCETOWN	2,895	2,029	866	29.9
QUINCY	47,286	45,465	1,82[illegible]	3.9
RANDOLPH	16,605	16,049	556	3.3
RAYNHAM	5,096	4,926	170	3.3
READING	13,124	12,780	344	2.6
REHOBOTH	4,161	3,910	251	6.0
REVERE	23,123	22,057	1,066	4.6
RICHMOND	837	813	24	2.9
ROCHESTER	2,019	1,959	60	3.0
ROCKLAND	7,951	7,610	341	4.3
ROCKPORT	3,487	3,222	265	7.6
ROWE	194	178	16	8.2
ROWLEY	2,792	2,655	137	4.9
ROYALSTON	453	427	26	5.7
RUSSELL	770	751	19	2.5
RUTLAND	2,550	2,471	79	3.1
SALEM	22,843	21,892	951	4.2
SALISBURY	3,574	3,348	226	6.3
SANDISFIELD	380	366	14	3.7
SANDWICH	6,917	6,704	213	3.1
SAUGUS	14,685	14,109	576	3.9
SAVOY	344	329	15	4.4
SCITUATE	9,124	8,849	275	3.0
SEEKONK	6,366	6,057	309	4.9
SHARON	8,336	8,145	191	2.3
SHEFFIELD	1,498	1,450	48	3.2
SHELBURNE	1,076	985	91	8.5
SHERBORN	2,183	2,147	36	1.6
SHIRLEY	2,848	2,720	128	4.5
SHREWSBURY	13,445	13,127	318	2.4
SHUTESBURY	971	938	33	3.4
SOMERSET	9,694	9,239	455	4.7
SOMERVILLE	40,528	39,179	1,349	3.3
SOUTH HADLEY	8,659	8,388	271	3.1
SOUTHAMPTON	2,363	2,282	81	3.4
SOUTHBOROUGH	3,681	3,565	116	3.2
SOUTHBRIDGE	6,906	6,483	423	6.1
SOUTHWICK	4,118	3,960	158	3.8
SPENCER	6,287	6,036	251	4.0
SPRINGFIELD	67,502	64,000	3,502	5.2
STERLING	3,798	3,683	115	3.0
STOCKBRIDGE	1,264	1,233	31	2.5
STONEHAM	12,947	12,507	440	3.4
STOUGHTON	15,293	14,728	565	3.7
STOW	3,147	3,081	66	2.1
STURBRIDGE	3,173	3,011	162	5.1
SUDBURY	7,620	7,472	148	1.9
SUNDERLAND	2,530	2,407	123	4.9
SUTTON	3,517	3,410	107	3.0
SWAMPSCOTT	7,929	7,688	241	3.0
SWANSEA	8,128	7,708	420	5.2
TAUNTON	24,531	23,088	1,443	5.9
TEMPLETON	2,647	2,467	180	6.8
TEWKSBURY	15,548	14,973	575	3.7
TISBURY	2,070	1,989	81	3.9
TOLLAND	149	146	3	2.0
TOPSFIELD	3,125	3,057	68	2.2
TOWNSEND	4,522	4,385	137	3.0
TRURO	734	607	127	17.3
TYNGSBOROUGH	4,959	4,749	210	4.2
TYRINGHAM	248	246	2	0.8
UPTON	2,385	2,282	103	4.3
UXBRIDGE	4,955	4,750	205	4.1
WAKEFIELD	14,446	13,943	503	3.5
WALES	556	524	32	5.8
WALPOLE	10,921	10,533	388	3.6
WALTHAM	34,001	32,896	1,105	3.2
WARE	3,926	3,723	203	5.2
WAREHAM	9,916	9,187	729	7.4
WARREN	1,587	1,461	126	7.9
WARWICK	237	218	19	8.0
WASHINGTON	321	313	8	2.5
WATERTOWN	20,216	19,705	511	2.5
WAYLAND	7,048	6,895	153	2.2
WEBSTER	8,135	7,689	446	5.5
WELLESLEY	14,128	13,962	166	1.2
WELLFLEET	1,238	1,116	122	9.9
WENDELL	392	362	30	7.7
WENHAM	2,189	2,151	38	1.7
WEST BOYLSTON	3,529	3,412	117	3.3
WEST BRIDGEWATER	3,527	3,393	134	3.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MARCH 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,430	1,361	69	4.8
WEST NEWBURY	1,622	1,577	45	2.8
WEST SPRINGFIELD	14,506	14,050	456	3.1
WEST STOCKBRIDGE	722	693	29	4.0
WEST TISBURY	780	770	10	1.3
WESTBOROUGH	8,210	8,035	175	2.1
WESTFIELD	18,243	17,683	560	3.1
WESTFORD	9,242	8,935	307	3.3
WESTHAMPTON	820	809	11	1.3
WESTMINSTER	2,842	2,689	153	5.4
WESTON	5,752	5,668	84	1.5
WESTPORT	6,904	6,555	349	5.1
WESTWOOD	7,046	6,897	149	2.1
WEYMOUTH	31,038	29,971	1,067	3.4
WHATELY	1,031	992	39	3.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
WHITMAN	7,420	7,107	313	4.2
WILBRAHAM	6,355	6,170	185	2.9
WILLIAMSBURG	1,563	1,500	63	4.0
WILLIAMSTOWN	3,953	3,891	62	1.6
WILMINGTON	9,555	9,181	374	3.9
WINCHENDON	3,315	3,102	213	6.4
WINCHESTER	10,982	10,748	234	2.1
WINDSOR	370	346	24	6.5
WINTHROP	10,886	10,519	367	3.4
WOBURN	22,459	21,662	797	3.5
WORCESTER	84,304	80,754	3,550	4.2
WORTHINGTON	654	627	27	4.1
WRENTHAM	3,982	3,834	148	3.7
YARMOUTH	9,671	9,208	463	4.8

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	MAR 89	FEB 89	MAR 88	MAR 89	FEB 89	MAR 88
MASSACHUSETTS	6,772	7,327	5,198	83,265	82,304	67,805
MAJOR LABOR AREAS						
BOSTON PMSA	2,637	3,509	1,971	32,991	32,258	26,476
BROCKTON PMSA	230	232	155	2,793	3,785	2,096
FALL RIVER PMSA[3]	340	440	395	4,163	4,135	3,690
FITCHBURG-LEOMINSTER MSA	168	159	84	1.667	1,615	1,126
LAWRENCE-HAVERHILL PMSA[4]	440	441	285	4,984	5,031	3,579
LOWELL PMSA[4]	295	317	205	3,645	3,559	2,601
NEW BEDFORD MSA	457	427	363	4,273	4,375	3,495
PITTSFIELD MSA	75	88	81	1,488	1,582	1,307
SPRINFIELD MSA	486	339	304	4,021	3,811	3,255
SALEM-GLOUCESTER PMSA	492	524	466	6,711	6,671	5,296
WORCESTER MSA	484	502	351	5,550	5,212	4,399
OTHER LABOR AREAS						
AMHERST LMA	12	29	8	313	324	236
ATHOL LMA	34	39	28	500	530	396
BARNSTABLE COUNTY LMA	250	259	177	4,706	5,040	3,909
BALANCE OF WESTERN MA EA	12	14	15	273	279	225
DUKES COUNTY LMA	9	15	9	249	277	184
GARDNER LMA	52	45	46	642	621	451
GREAT BARRINGTON LMA	7	12	15	211	235	195
GREENFIELD LMA	54	79	32	802	841	528
NANTUCKET LMA	2	12	3	90	107	78
NORTH ADAMS LMA	64	67	53	761	797	669
SOUTHBRIDGE LMA	27	64	68	460	462	496
TAUNTON LMA	172	152	108	1,227	1,142	834
WARE LMA	32	33	16	350	362	321

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1 - Week that includes the 12th

2 - Includes regular compensation not extended compensation

3 - Includes Rhode Island residents of PMSA

4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Department of
Employment
and Training

Employment Review

APRIL 1989

APRIL EMPLOYMENT INCREASES

Increasing by 24,300 jobs since March, Massachusetts nonagricultural employment reached 3,140,200 in April 1989. This represents an employment level 0.9 percent higher than the April 1988 level of 3,111,900.

- The service sector continues to account for the majority of the increase in the Massachusetts economy adding 11,000 more jobs over the past month and 33,500 over the past year.
- The construction sector added 8,300 jobs in April 1989 bringing the total for the division to 139,800. The total for April 1989 continues to be just ahead of the April 1988 level of 139,600.
- The finance, insurance, and real estate sector added 2,200 jobs in the past month and 7,800 since April 1988 to total 230,800 as of April 1989. Banking employed 65,500 of the workers in this division and has shown slower growth over the past year than the division as a whole.
- Job levels in the retail trade sector, with total employment of 541,100, increased by 2,200 over the previous month. Employment in the wholesale trade sector also increased over the month 1989,up 900 jobs to 181,500 for April 1989. The trade division has had a modest decline over the past year, down 0.2 percent compared to April 1988.
- High technology nonmanufacturing continued a long and steady trend of increases by adding 400 more workers during the month, to total 91,700 in April 1989. There are currently 3,600 more employees in this group than in April 1988. Industries included under this heading are: research and development laboratories; computer and data processing services; engineering, architectural, and surveying services; and noncommercial educational, scientific, and research organizations.
- The manufacturing division declined by 1,200 jobs since March 1989 with the loss being split evenly between the durable and nondurable goods producing sectors. Manufacturing is down 10,700 jobs over the year.
- All labor market areas experienced increases in employment levels both over the month and over the previous year.

(continued on page 9)

Commonwealth of Massachusetts

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3140.2	3115.9	3111.9	24.3	0.8	28.3	0.9
Manufacturing	577.3	578.5	588.0	-1.2	-0.2	-10.7	-1.8
Durable Goods	381.3	381.9	390.3	-0.6	-0.2	-9.0	-2.3
Lumber & Furniture	12.1	12.0	12.9	0.1	0.8	-0.8	-6.2
Stone, Clay & Glass	11.3	10.9	11.2	0.4	3.7	0.1	0.9
Primary Metals	15.7	15.7	15.5	0.0	****	0.2	1.3
Fabricated Metals	40.7	40.8	41.0	-0.1	-0.2	-0.3	-0.7
Cutlery, Hand tools, Hardware	8.3	8.4	9.0	-0.1	-1.2	-0.7	-7.8
Machinery, except electrical	100.2	100.5	100.1	-0.3	-0.3	0.1	0.1
Metalworking machinery	13.5	13.5	13.2	0.0	****	0.3	2.3
Special industry machinery	10.9	11.0	11.1	-0.1	-0.9	-0.2	-1.8
* Office Computing, & Accounting Machines	54.9	55.0	54.2	-0.1	-0.2	0.7	1.3
Electrical & Electronic machinery, equip., etc.	99.0	99.2	103.4	-0.2	-0.2	-4.4	-4.3
Communications equipment	37.0	36.7	38.5	0.3	0.8	-1.5	-3.9
Electronic components	38.3	38.7	40.6	-0.4	-1.0	-2.3	-5.7
Transportation equipment	30.8	31.2	32.4	-0.4	-1.3	-1.6	-4.9
Instruments	52.8	52.9	54.6	-0.1	-0.2	-1.8	-3.3
Measuring & Control devices	20.7	20.6	20.2	0.1	0.5	0.5	2.5
Miscellaneous Manufacturing Industries	18.7	18.7	19.2	0.0	****	-0.5	-2.6
Jewelry	7.1	7.1	7.4	0.0	****	-0.3	-4.1
Nondurable Goods	196.0	196.6	197.7	-0.6	-0.3	-1.7	-0.9
Food & kindred products	20.6	20.4	20.7	0.2	1.0	-0.1	-0.5
Textile mill products	15.7	15.8	16.3	-0.1	-0.6	-0.6	-3.7
Apparel	23.4	23.6	24.1	-0.2	-0.8	-0.7	-2.9
Mens & Boys suits, coats & furnishings	6.2	6.2	6.4	0.0	****	-0.2	-3.1
Paper & allied products	24.5	24.8	24.7	-0.3	-1.2	-0.2	-0.8
Printing & Publishing	56.3	56.5	56.0	-0.2	-0.4	0.3	0.5
Chemicals	18.9	18.9	18.3	0.0	****	0.6	3.3
Rubber & miscellaneous Plastic products	26.8	26.8	27.2	0.0	****	-0.4	-1.5
Miscellaneous Plastic products	20.7	20.6	21.0	0.1	0.5	-0.3	-1.4
Leather & Leather products	8.3	8.5	8.8	-0.2	-2.4	-0.5	-5.7
Footwear, except rubber	3.8	3.9	4.3	-0.1	-2.6	-0.5	-11.6
Mining	1.3	1.3	1.6	0.0	****	-0.3	-18.8
Construction	139.8	131.5	139.6	8.3	6.3	0.2	0.1
Transportation, Communication & Public Utilities	134.2	133.3	133.3	0.9	0.7	0.9	0.7
Wholesale & Retail trade	722.6	719.5	724.3	3.1	0.4	-1.7	-0.2
Wholesale Trade	181.5	180.6	177.6	0.9	0.5	3.9	2.2
Retail Trade	541.1	538.9	546.7	2.2	0.4	-5.6	-1.0
Finance, Insurance & Real Estate	230.8	228.6	223.0	2.2	1.0	7.8	3.5
Banking	65.5	65.4	64.7	0.1	0.2	0.8	1.2
Services	924.9	913.8	891.4	11.1	1.2	33.5	3.8
Health Services	253.4	253.5	248.1	-0.1	****	5.3	2.1
Educational Services	124.1	123.9	123.8	0.2	0.2	0.3	0.2
Government	409.3	409.4	410.7	-0.1	****	-1.4	-0.3
Federal	63.0	62.9	63.8	0.1	0.2	-0.8	-1.3
U.S. Postal Service	27.2	27.3	27.2	-0.1	-0.4	0.0	****
State	101.0	100.9	102.7	0.1	0.1	-1.7	-1.7
Educational services	23.4	23.6	26.7	-0.2	-0.8	-3.3	-12.4
Local	245.3	245.6	244.2	-0.3	-0.1	1.1	0.5
Educational services	140.9	141.2	140.2	-0.3	-0.2	0.7	0.5
Other Local	104.4	104.4	104.0	0.0	****	0.4	0.4
* High Technology Manufacturing	231.4	231.8	237.5	-0.4	-0.2	-6.1	-2.6
* High Technology Nonmanufacturing	91.7	91.3	88.1	0.4	0.4	3.6	4.1

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1768.0	1757.1	1748.8	10.9	0.6	19.2	1.1
Manufacturing	267.0	267.2	271.3	-0.2	-0.1	-4.3	-1.6
Durable Goods	189.3	189.6	193.6	-0.3	-0.2	-4.3	-2.2
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	14.8	15.1	15.5	-0.3	-2.0	-0.7	-4.5
Machinery, except electrical	44.7	44.9	45.9	-0.2	-0.4	-1.2	-2.6
Electrical & Electronic machinery,equip.,etc.	56.3	56.0	57.7	0.3	0.5	-1.4	-2.4
Transportation equipment	19.4	19.6	19.4	-0.2	-1.0	0.0	****
Instruments	39.5	39.4	40.1	0.1	0.3	-0.6	-1.5
Nondurable Goods	77.7	77.6	77.7	0.1	0.1	0.0	0.0
Food & kindred products	11.2	11.0	10.7	0.2	1.8	0.5	4.7
Textile mill products	1.9	2.0	2.3	-0.1	-5.0	-0.4	-17.4
Apparel	6.0	5.9	6.2	0.1	1.7	-0.2	-3.2
Paper & allied products	6.8	6.7	6.9	0.1	1.5	-0.1	-1.4
Printing & Publishing	34.1	34.1	33.3	0.0	****	0.8	2.4
Chemicals	7.9	7.9	7.9	0.0	****	0.0	****
Rubber & miscellaneous Plastic products	6.9	7.1	7.4	-0.2	-2.8	-0.5	-6.8
Leather & Leather products	2.3	2.3	2.4	0.0	****	-0.1	-4.2
Mining	0.9	0.9	0.9	0.0	****	0.0	****
Construction	72.3	67.4	70.2	4.9	7.3	2.1	3.0
Transportation, Communication & Public Utilities	76.2	75.8	76.6	0.4	0.5	-0.4	-0.5
Wholesale & Retail trade	386.0	385.5	388.2	0.5	0.1	-2.2	-0.6
Finance, Insurance & Real Estate	158.4	157.2	153.1	1.2	0.8	5.3	3.5
Banking	44.0	44.0	43.3	0.0	****	0.7	1.6
Insurance	34.2	34.6	35.0	-0.4	-1.2	-0.8	-2.3
Services	599.2	594.7	581.6	4.5	0.8	17.6	3.0
Health Services	146.4	146.3	141.5	0.1	0.1	4.9	3.5
Educational Services	94.3	94.2	97.1	0.1	0.1	-2.8	-2.9
Government	208.0	208.4	206.9	-0.4	-0.2	1.1	0.5
Federal	37.9	37.7	38.3	0.2	0.5	-0.4	-1.0
U.S. Postal Service	15.1	15.1	15.3	0.0	****	-0.2	-1.3
Federal Hospitals	5.1	5.0	4.9	0.1	2.0	0.2	4.1
State	49.8	49.7	50.4	0.1	0.2	-0.6	-1.2
State Hospitals	4.9	4.9	4.8	0.0	****	0.1	2.1
Educational services	8.5	8.6	8.4	-0.1	-1.2	0.1	1.2
Local	120.3	121.0	118.2	-0.7	-0.6	2.1	1.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE PRIOR MO.		CHANGE YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	244.5	242.5	242.1	2.0	0.8	2.4	1.0
Manufacturing	50.6	50.3	51.1	0.3	0.6	-0.5	-1.0
Durable Goods	25.3	25.4	25.8	-0.1	-0.4	-0.5	-1.9
Fabricated Metals	6.8	6.8	6.9	0.0	****	-0.1	-1.4
Machinery, except electrical	6.1	6.2	6.1	-0.1	-1.6	0.0	****
Nondurable Goods	25.3	24.9	25.3	0.4	1.6	0.0	****
Textile mill products	1.6	1.5	1.6	0.1	6.7	0.0	****
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.1	8.2	7.9	-0.1	-1.2	0.2	2.5
Printing & Publishing	6.6	6.4	6.5	0.2	3.1	0.1	1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	10.6	9.8	9.6	0.8	8.2	1.0	10.4
Transportation, Communication & Public Utilities	10.4	10.4	9.8	0.0	****	0.6	6.1
Wholesale & Retail trade	57.8	57.0	56.6	0.8	1.4	1.2	2.1
Finance, Insurance & Real Estate	15.5	15.4	15.8	0.1	0.6	-0.3	-1.9
Services	61.2	60.8	59.8	0.4	0.7	1.4	2.3
Government	38.3	38.7	39.3	-0.4	-1.0	-1.0	-2.5
Federal	6.0	6.1	6.1	-0.1	-1.6	-0.1	-1.6
State	8.5	8.6	8.5	-0.1	-1.2	0.0	****
Local	23.8	24.0	24.7	-0.2	-0.8	-0.9	-3.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	215.8	212.9	207.9	2.9	1.4	7.9	3.8
Manufacturing	45.8	45.9	44.9	-0.1	-0.2	0.9	2.0
Durable Goods	30.4	30.3	29.6	0.1	0.3	0.8	2.7
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.5	7.5	7.1	0.0	****	0.4	5.6
Machinery, except electrical	10.0	9.9	9.8	0.1	1.0	0.2	2.0
Nondurable Goods	15.4	15.6	15.3	-0.2	-1.3	0.1	0.7
Textile mill products	2.5	2.5	2.6	0.0	****	-0.1	-3.8
Leather & Leather products	0.6	0.6	0.8	0.0	****	-0.2	-25.0
Mining	0.2	0.1	0.1	0.1	100.0	0.1	100.0
Construction	10.7	9.8	10.2	0.9	9.2	0.5	4.9
Transportation, Communication & Public Utilities	9.7	9.6	9.5	0.1	1.0	0.2	2.1
Wholesale & Retail trade	52.1	51.5	49.9	0.6	1.2	2.2	4.4
Finance, Insurance & Real Estate	15.1	15.0	14.4	0.1	0.7	0.7	4.9
Services	56.8	55.6	53.5	1.2	2.2	3.3	6.2
Government	25.4	25.4	25.4	0.0	****	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.6	75.1	73.3	0.5	0.7	2.3	3.1
Manufacturing	11.0	11.1	11.1	-0.1	-0.9	-0.1	-0.9
Durable Goods	6.3	6.2	6.1	0.1	1.6	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	4.7	4.9	5.0	-0.2	-4.1	-0.3	-6.0
Construction	4.2	3.8	4.0	0.4	10.5	0.2	5.0
Transportation, Communication & Public Utilities	5.0	5.1	5.1	-0.1	-2.0	-0.1	-2.0
Wholesale & Retail trade	22.7	22.6	22.2	0.1	0.4	0.5	2.3
Finance, Insurance & Real Estate	3.5	3.4	3.3	0.1	2.9	0.2	6.1
Services	16.7	16.7	15.6	0.0	****	1.1	7.1
Government	12.5	12.4	12.0	0.1	0.8	0.5	4.2
Federal	3.4	3.3	3.0	0.1	3.0	0.4	13.3
State	2.8	2.7	2.7	0.1	3.7	0.1	3.7
Local	6.3	6.4	6.3	-0.1	-1.6	0.0	****
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	166.9	165.0	166.0	1.9	1.2	0.9	0.5
Manufacturing	47.6	48.6	50.6	-1.0	-2.1	-3.0	-5.9
Durable Goods	33.5	34.0	36.3	-0.5	-1.5	-2.8	-7.7
Nondurable Goods	14.1	14.6	14.3	-0.5	-3.4	-0.2	-1.4
Leather & Leather products	1.6	1.8	1.9	-0.2	-11.1	-0.3	-15.8
Construction	7.6	7.3	7.5	0.3	4.1	0.1	1.3
Transportation, Communication & Public Utilities	7.2	7.1	6.9	0.1	1.4	0.3	4.3
Wholesale & Retail trade	37.9	37.0	36.3	0.9	2.4	1.6	4.4
Finance, Insurance & Real Estate	6.9	6.7	6.6	0.2	3.0	0.3	4.5
Services	37.2	36.0	35.7	1.2	3.3	1.5	4.2
Government	22.5	22.3	22.4	0.2	0.9	0.1	0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	42.8	41.9	41.9	0.9	2.1	0.9	2.1
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.9	10.8	11.2	0.1	0.9	-0.3	-2.7
Machinery	6.5	6.4	6.7	0.1	1.6	-0.2	-3.0
All other manufacturing	4.4	4.4	4.5	0.0	****	-0.1	-2.2
Construction	2.6	2.2	2.5	0.4	18.2	0.1	4.0
Transportation, Communication & Public Utilities	1.3	1.2	1.2	0.1	8.3	0.1	8.3
Wholesale & Retail trade	10.1	10.1	9.5	0.0	****	0.6	6.3
Finance, Insurance & Real Estate	1.9	1.9	2.0	0.0	****	-0.1	-5.0
Services	11.0	10.7	10.6	0.3	2.8	0.4	3.8
Government	4.9	4.9	4.8	0.0	****	0.1	2.1
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.2	68.3	67.7	0.9	1.3	1.5	2.2
Manufacturing	18.0	18.5	19.1	-0.5	-2.7	-1.1	-5.8
Durable Goods	7.7	8.0	8.2	-0.3	-3.8	-0.5	-6.1
Primary & Fabricated Metals	2.2	2.4	2.4	-0.2	-8.3	-0.2	-8.3
Nondurable Goods	10.3	10.5	10.9	-0.2	-1.9	-0.6	-5.5
Apparel	5.1	5.2	5.8	-0.1	-1.9	-0.7	-12.1
Construction	3.8	3.2	3.3	0.6	18.8	0.5	15.2
Transportation, Communication & Public Utilities	3.0	2.9	2.9	0.1	3.4	0.1	3.4
Wholesale & Retail trade	16.7	16.4	16.3	0.3	1.8	0.4	2.5
Finance, Insurance & Real Estate	2.5	2.5	2.6	0.0	****	-0.1	-3.8
Services	14.4	14.0	13.6	0.4	2.9	0.8	5.9
Government	10.8	10.8	9.9	0.0	****	0.9	9.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	56.4	55.1	55.9	1.3	2.4	0.5	0.9
Manufacturing	15.2	15.2	16.1	0.0	****	-0.9	-5.6
Textile mill products	3.9	3.9	4.0	0.0	****	-0.1	-2.5
All other manufacturing	11.3	11.3	12.1	0.0	****	-0.8	-6.6
Construction	3.5	2.8	3.0	0.7	25.0	0.5	16.7
Transportation, Communication & Public Utilities	1.8	1.9	2.0	-0.1	-5.3	-0.2	-10.0
Wholesale & Retail trade	14.4	14.0	14.2	0.4	2.9	0.2	1.4
Finance, Insurance & Real Estate	3.4	3.4	3.1	0.0	****	0.3	9.7
Services	11.0	10.8	10.6	0.2	1.9	0.4	3.8
Government	7.1	7.0	6.9	0.1	1.4	0.2	2.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	APR 1989	MAR 1989	APR 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	42.2	41.3	41.8	0.9	2.2	0.4	1.0
Manufacturing	12.3	12.2	12.1	0.1	0.8	0.2	1.7
Durable Goods	5.1	5.0	5.0	0.1	2.0	0.1	2.0
Machinery, except electrical	3.1	3.0	3.0	0.1	3.3	0.1	3.3
Nondurable Goods	7.2	7.2	7.1	0.0	****	0.1	1.4
Rubber & miscellaneous Plastic products	3.7	3.7	3.6	0.0	****	0.1	2.8
Construction	2.7	2.4	2.5	0.3	12.5	0.2	8.0
Transportation, Communication & Public Utilities	1.6	1.6	1.7	0.0	****	-0.1	-5.9
Wholesale & Retail trade	10.3	10.2	10.1	0.1	1.0	0.2	2.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	8.7	8.3	8.6	0.4	4.8	0.1	1.2
Government	4.9	4.9	5.1	0.0	****	-0.2	-3.9
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	111.4	110.4	109.8	1.0	0.9	1.6	1.5
Mining	0.2	0.1	0.2	0.1	100.0	0.0	****
Manufacturing	36.2	36.2	36.8	0.0	****	-0.6	-1.6
Construction	5.9	5.2	5.6	0.7	13.5	0.3	5.4
Transportation, Communication & Public Utilities	5.1	5.4	4.9	-0.3	-5.6	0.2	4.1
Wholesale & Retail trade	24.4	24.3	23.5	0.1	0.4	0.9	3.8
Finance, Insurance & Real Estate	4.1	4.1	3.7	0.0	****	0.4	10.8
Services	21.8	21.3	21.1	0.5	2.3	0.7	3.3
Government	13.7	13.8	14.0	-0.1	-0.7	-0.3	-2.1
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	115.6	115.1	114.5	0.5	0.4	1.1	1.0
Manufacturing	21.5	21.7	22.4	-0.2	-0.9	-0.9	-4.0
Durable Goods	14.7	14.8	15.3	-0.1	-0.7	-0.6	-3.9
Nondurable Goods	6.8	6.9	7.1	-0.1	-1.4	-0.3	-4.2
Construction	5.8	5.3	5.1	0.5	9.4	0.7	13.7
Transportation, Communication & Public Utilities	4.2	4.1	3.8	0.1	2.4	0.4	10.5
Wholesale & Retail trade	33.1	32.9	33.1	0.2	0.6	0.0	****
Finance, Insurance & Real Estate	6.2	6.1	5.8	0.1	1.6	0.4	6.9
Services	28.8	28.9	28.4	-0.1	-0.3	0.4	1.4
Government	16.0	16.1	15.9	-0.1	-0.6	0.1	0.6

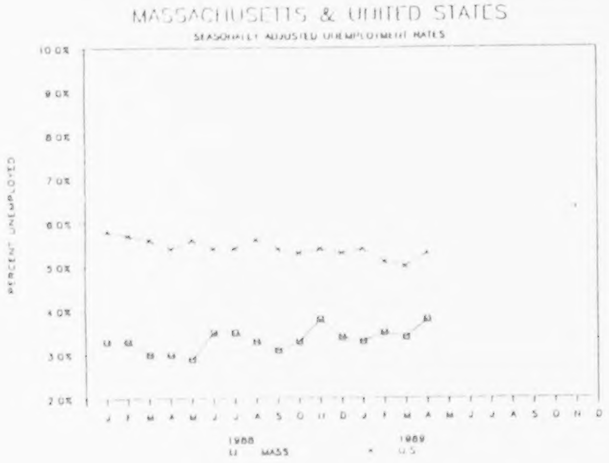
NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

	Average Weekly Hours			Average Hourly Earnings		
Area	APR 89	MAR 89	APR 88	APR 89	MAR 89	APR 88
UNITED STATES	41.0	40.9	41.0	$10.40	$10.39	$10.12
MASSACHUSETTS	41.0	41.3	41.2	10.60	10.60	10.12
BOSTON	40.4	41.0	41.4	11.34	11.29	10.90
BROCKTON	39.5	40.2	40.6	8.78	8.84	8.40
FALL RIVER	38.1	37.9	37.3	8.19	8.20	7.63
LAWRENCE-HAVERHILL	40.5	40.6	40.2	10.57	10.60	10.03
LOWELL	39.7	40.1	42.3	10.49	10.50	10.06
NEW BEDFORD	38.1	38.0	37.8	9.07	9.07	8.72
SPRINGFIELD	42.4	42.5	42.9	9.93	9.88	9.56
WORCESTER	41.6	41.6	40.1	10.76	10.72	10.30

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

	Average Weekly Hours			Average Hourly Earnings		
Industry	APR 89	MAR 89	APR 88	APR 89	MAR 89	APR 88
MANUFACTURING	41.0	41.3	41.2	$10.60	$10.60	$10.12
DURABLE GOODS	41.6	42.1	41.6	11.02	11.04	10.59
LUMBER & FURNITURE	40.2	40.1	39.0	8.77	8.65	7.82
STONE, CLAY & GLASS	42.4	42.4	40.1	12.69	12.79	12.53
PRIMARY METALS	41.3	42.2	41.8	10.42	10.60	10.06
FABRICATED METALS	41.1	41.9	41.8	11.14	11.17	10.57
CUTLERY, ETC.	45.8	44.9	45.1	11.81	11.68	11.09
MACHINERY, EX. ELEC.	41.9	42.3	43.8	11.21	11.28	10.84
METALWORKING MACH.	43.8	44.4	44.5	11.33	11.38	11.17
SPECIAL INDU. MACH.	43.3	43.8	44.3	11.95	12.16	12.04
ELEC. & ELECTRON. MACH.	40.5	40.9	41.3	10.51	10.52	10.17
COMMUNICATIONS EQUIP.	41.2	42.1	41.3	11.11	11.00	10.55
ELECTRONIC COMP.	40.9	41.1	41.6	10.60	10.65	10.10
TRANSPORTATION EQUIP.	41.8	42.2	43.8	13.10	13.18	12.72
INSTRUMENTS	43.3	43.9	39.3	11.53	11.39	10.97
MEAS. & CONTROL DEVICES	45.3	46.2	44.7	9.09	8.93	8.66
MISC. MANUFAC. IND.	42.0	42.4	41.2	9.41	9.48	8.88
JEWELRY	41.0	41.7	41.9	8.61	8.58	7.83
NONDURABLE GOODS	40.1	40.2	40.7	9.92	9.88	9.45
FOOD & KINDRED PROD.	41.1	40.4	39.4	10.55	10.53	10.11
TEXTILE MILL PROD.	42.7	42.8	42.1	9.14	9.12	8.66
APPAREL	37.5	38.2	38.6	7.12	7.13	6.37
MENS & BOYS SUITS	37.0	37.9	40.2	7.81	7.76	7.38
PAPER & ALLIED PRODUCTS	43.5	43.1	45.5	10.69	10.66	10.20
PRINTING & PUBLISHING	37.4	38.2	38.0	11.02	11.00	10.30
CHEMICALS	41.3	40.7	44.0	12.01	11.99	11.80
RUBBER & PLASTIC PROD.	42.0	41.8	42.4	9.54	9.50	9.38
MISC. PLAS. PROD.	40.6	40.3	40.8	9.34	9.28	9.24
LEATHER & LEATHER PROD.	36.1	36.8	37.1	7.80	7.84	7.55
FOOTWEAR, EX. RUBBER	35.4	36.1	38.3	6.97	7.02	6.80



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UNEMPLOYMENT RATE LOWEST AMONG ELEVEN LARGEST STATES

The Commonwealth recorded a seasonally adjusted unemployment rate of 3.8 percent for April 1989, the lowest of the eleven large states. New Jersey was next lowest at 4.0 percent. Michigan, at 6.1 percent and Texas at 5.3 percent had the highest rates of unemployment of the large states.

The national seasonally adjusted unemployment rate was 5.3 percent of a total civilian labor force of 123,569,000.

UNEMPLOYMENT DOWN IN ALL LABOR MARKETS

All labor market areas in the Commonwealth experienced declines in their seasonally unadjusted unemployment rates between March and April 1989.

- Of the major labor areas, the Boston PMSA unemployment rate of 3.1 percent was the lowest. The Salem Gloucester PMSA (3.4 percent), and the Worcester MSA (3.5 percent), also had unemployment rates lower than the state rate.
- The Nantucket LMA at 1.4 percent posted the lowest unemployment rate among the smaller labor areas.

The Great Barrington LMA (2.7 percent), and the Amherst LMA (2.9 percent) also experienced relatively low unemployment rates.

THE SALEM GLOUCESTER PMSA

The Salem-Gloucester PMSA (which includes 16 cities and towns) stands fifth among the Commonwealth's eleven major labor market areas in size of employment with 115,600 jobs in April 1989. However, between the first quarter of 1988 and the same quarter in 1989, it ranks second in growth, at 3.4 percent, following the Worcester MSA. This rate was more than double the state's growth rate (1.5 percent) for the same time period.

The area contains a diversified economic base, both geographically and industrially, even though it lacks a major dominant city. Thus, this PMSA may be less susceptible to cyclical swings in any particular industry. Four major industrial sectors accounted for double digit shares of the employed work force during April 1989. They are manufacturing; wholesale and retail trade; services; and government.

Route 128, the "high technology highway", runs through about half of the towns in the PMSA. This part of Route 128 has not been as fully developed as parts of the highway to the south. More high tech development is anticipated, which would bring more new job openings to an area already experiencing a very low unemployment rate. The areas annual average unemployment rate for 1988 was 3.2 percent, down considerably from the 1983 annual average rate of 6.6 percent.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	APRIL 1989	MARCH 1989	APRIL 1988
United States	5.3	5.0	5.5
Massachusetts	3.8	3.4	3.0
Labor Force	3,197.0	3,160.0	3,151.0
Employed	3,077.0	3,051.0	3,058.0
Unemployed	120.0	109.0	93.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	APRIL 1989	MARCH 1989	APRIL 1988
UNITED STATES			
LABOR FORCE	122,576,000	122,222,000	120,264,000
EMPLOYMENT	116,347,000	115,844,000	113,905,000
UNEMPLOYMENT	6,229,000	6,378,000	6,359,000
PERCENT UNEMPLOYED	5.1	5.2	5.3
MASSACHUSETTS			
LABOR FORCE	3,178,400	3,156,400	3,132,700
EMPLOYMENT	3,060,600	3,028,200	3,041,200
UNEMPLOYMENT	117,800	128,200	91,500
PERCENT UNEMPLOYED	3.7	4.1	2.9
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,569,070	1,558,100	1,557,580
EMPLOYMENT	1,519,980	1,506,490	1,518,290
UNEMPLOYMENT	49,090	51,610	39,300
PERCENT UNEMPLOYED	3.1	3.3	2.5
BROCKTON PMSA			
LABOR FORCE	100,740	100,200	97,660
EMPLOYMENT	96,410	95,530	94,380
UNEMPLOYMENT	4,340	4,660	3,280
PERCENT UNEMPLOYED	4.3	4.7	3.4
FALL RIVER PMSA			
LABOR FORCE	77,110	76,400	76,330
EMPLOYMENT	72,630	70,940	72,630
UNEMPLOYMENT	4,480	5,460	3,700
PERCENT UNEMPLOYED	5.8	7.1	4.8
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	48,070	47,240	48,260
EMPLOYMENT	45,710	44,720	46,740
UNEMPLOYMENT	2,360	2,530	1,520
PERCENT UNEMPLOYED	4.9	5.4	3.1
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	190,160	188,250	188,380
EMPLOYMENT	181,360	179,460	181,400
UNEMPLOYMENT	8,800	8,790	6,980
PERCENT UNEMPLOYED	4.6	4.7	3.7
LOWELL PMSA			
LABOR FORCE	156,080	155,100	152,330
EMPLOYMENT	149,840	148,680	148,000
UNEMPLOYMENT	6,240	6,430	4,330
PERCENT UNEMPLOYED	4.0	4.1	2.8
NEW BEDFORD MSA			
LABOR FORCE	87,790	87,570	84,940
EMPLOYMENT	82,990	81,740	80,950
UNEMPLOYMENT	4,800	5,830	3,990
PERCENT UNEMPLOYED	5.5	6.7	4.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	APRIL 1989	MARCH 1989	APRIL 1988
PITTSFIELD MSA			
LABOR FORCE	40,670	40,060	39,980
EMPLOYMENT	38,630	37,800	38,230
UNEMPLOYMENT	2,040	2,260	1,750
PERCENT UNEMPLOYED	5.0	5.7	4.4
SALEM-GLOUCESTER PMSA			
LABOR FORCE	155,070	154,890	154,370
EMPLOYMENT	149,800	148,840	149,780
UNEMPLOYMENT	5,270	6,040	4,590
PERCENT UNEMPLOYED	3.4	3.9	3.0
SPRINGFIELD MSA			
LABOR FORCE	253,880	252,070	251,560
EMPLOYMENT	244,390	241,860	244,470
UNEMPLOYMENT	9,480	10,220	7,090
PERCENT UNEMPLOYED	3.7	4.1	2.8
WORCESTER MSA			
LABOR FORCE	230,770	227,890	222,640
EMPLOYMENT	222,800	219,250	216,920
UNEMPLOYMENT	7,970	8,650	5,710
PERCENT UNEMPLOYED	3.5	3.8	2.6
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,920	33,160	31,360
EMPLOYMENT	31,970	32,180	30,670
UNEMPLOYMENT	950	980	690
PERCENT UNEMPLOYED	2.9	3.0	2.2
ATHOL LMA			
LABOR FORCE	10,830	10,450	10,590
EMPLOYMENT	10,170	9,720	10,080
UNEMPLOYMENT	660	730	510
PERCENT UNEMPLOYED	6.1	6.9	4.8
ATTLEBORO LMA			
LABOR FORCE	48,380	48,060	47,500
EMPLOYMENT	45,710	45,320	45,430
UNEMPLOYMENT	2,680	2,740	2,070
PERCENT UNEMPLOYED	5.5	5.7	4.4
BARNSTABLE LMA			
LABOR FORCE	101,010	101,290	97,240
EMPLOYMENT	95,880	94,710	93,110
UNEMPLOYMENT	5,130	6,570	4,130
PERCENT UNEMPLOYED	5.1	6.5	4.2
DUKES COUNTY LMA			
LABOR FORCE	6,670	6,410	6,170
EMPLOYMENT	6,380	6,040	5,980
UNEMPLOYMENT	290	370	200
PERCENT UNEMPLOYED	4.3	5.7	3.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	APRIL 1989	MARCH 1989	APRIL 1988
GARDNER LMA			
LABOR FORCE	15,590	15,390	14,980
EMPLOYMENT	14,740	14,460	14,430
UNEMPLOYMENT	850	940	550
PERCENT UNEMPLOYED	5.4	6.1	3.6
GREAT BARRINGTON LMA			
LABOR FORCE	8,780	8,770	8,830
EMPLOYMENT	8,540	8,470	8,590
UNEMPLOYMENT	240	300	240
PERCENT UNEMPLOYED	2.7	3.4	2.7
GREENFIELD LMA			
LABOR FORCE	27,180	26,980	27,040
EMPLOYMENT	26,130	25,810	26,410
UNEMPLOYMENT	1,060	1,170	630
PERCENT UNEMPLOYED	3.9	4.4	2.3
NANTUCKET LMA			
LABOR FORCE	5,260	4,400	4,570
EMPLOYMENT	5,180	4,280	4,500
UNEMPLOYMENT	80	120	60
PERCENT UNEMPLOYED	1.4	2.8	1.4
NORTH ADAMS LMA			
LABOR FORCE	19,620	19,610	19,340
EMPLOYMENT	18,680	18,560	18,540
UNEMPLOYMENT	940	1,040	800
PERCENT UNEMPLOYED	4.8	5.3	4.1
SOUTHBRIDGE LMA			
LABOR FORCE	12,160	12,520	12,440
EMPLOYMENT	11,500	11,820	11,930
UNEMPLOYMENT	650	710	520
PERCENT UNEMPLOYED	5.4	5.6	4.1
TAUNTON LMA			
LABOR FORCE	29,180	29,460	27,570
EMPLOYMENT	27,660	27,730	26,590
UNEMPLOYMENT	1,530	1,730	980
PERCENT UNEMPLOYED	5.2	5.9	3.6
WARE LMA			
LABOR FORCE	8,930	8,810	8,370
EMPLOYMENT	8,530	8,310	8,030
UNEMPLOYMENT	400	500	350
PERCENT UNEMPLOYED	4.5	5.7	4.1
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,680	9,970	8,720
EMPLOYMENT	9,310	9,540	8,430
UNEMPLOYMENT	370	430	290
PERCENT UNEMPLOYED	3.8	4.3	3.3

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

APRIL 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,792	7,494	298	3.8
ACTON	10,197	9,998	199	2.0
ACUSHNET	5,261	5,029	232	4.4
ADAMS	5,101	4,848	253	5.0
AGAWAM	14,458	14,034	424	2.9
ALFORD	221	218	3	1.4
AMESBURY	7,474	7,142	332	4.4
AMHERST	20,674	20,236	438	2.1
ANDOVER	14,166	13,742	424	3.0
ARLINGTON	26,602	26,217	385	1.4
ASHBURNHAM	2,452	2,359	93	3.8
ASHBY	1,283	1,244	39	3.0
ASHFIELD	918	888	30	3.3
ASHLAND	7,155	6,964	191	2.7
ATHOL	4,738	4,435	303	6.4
ATTLEBORO	18,248	17,095	1,153	6.3
AUBURN	9,059	8,763	296	3.3
AVON	2,937	2,845	92	3.1
AYER	3,571	3,438	133	3.7
BARNSTABLE	21,007	19,588	1,419	6.8
BARRE	2,429	2,340	89	3.7
BECKET	809	763	46	5.7
BEDFORD	6,891	6,741	150	2.2
BELCHERTOWN	4,791	4,635	156	3.3
BELLINGHAM	7,668	7,396	272	3.5
BELMONT	14,196	13,925	271	1.9
BERKLEY	1,961	1,817	144	7.3
BERLIN	1,308	1,258	50	3.8
BERNARDSTON	1,038	999	39	3.8
BEVERLY	22,710	22,102	608	2.7
BILLERICA	23,501	22,669	832	3.5
BLACKSTONE	3,427	3,181	246	7.2
BLANDFORD	616	604	12	1.9
BOLTON	1.688	1,630	58	3.4
BOSTON	304,053	293,112	10,941	3.6
BOURNE	7,542	7,239	303	4.0
BOXBOROUGH	2,082	2,037	45	2.2
BOXFORD	3,087	3,019	68	2.2
BOYLSTON	2,255	2,183	72	3.2
BRAINTREE	19,517	18,972	545	2.8
BREWSTER	3,469	3,344	125	3.6
BRIDGEWATER	9,662	9,329	333	3.4
BRIMFIELD	1,118	1,059	59	5.3
BROCKTON	49,840	47,320	2,520	5.1
BROOKFIELD	1,594	1,516	78	4.9
BROOKLINE	32,623	32,109	514	1.6
BUCKLAND	1,016	1,004	12	1.2
BURLINGTON	13,909	13,474	435	3.1
CAMBRIDGE	54,614	53,260	1,354	2.5
CANTON	10,498	10,194	304	2.9
CARLISLE	2,255	2,218	37	1.6
CARVER	4,698	4,493	205	4.4
CHARLEMONT	690	645	45	6.5
CHARLTON	4,446	4,245	201	4.5
CHATHAM	3,216	3,127	89	2.8
CHELMSFORD	19,981	19,494	487	2.4
CHELSEA	11,817	11,197	620	5.2
CHESHIRE	1,699	1,620	79	4.6
CHESTER	586	560	26	4.4
CHESTERFIELD	664	631	33	5.0
CHICOPEE	29,249	28,063	1,186	4.1
CHILMARK	389	376	13	3.3
CLARKSBURG	953	939	14	1.5
CLINTON	7,133	6,832	301	4.2
COHASSET	3,935	3,816	119	3.0
COLRAIN	914	872	42	4.6
CONCORD	9,269	9,112	157	1.7
CONWAY	857	825	32	3.7
CUMMINGTON	438	418	20	4.6
DALTON	3,289	3,165	124	3.8
DANVERS	14,861	14,439	422	2.8
DARTMOUTH	14,051	13,463	588	4.2
DEDHAM	13,882	13,416	466	3.4
DEERFIELD	2,956	2,857	99	3.3
DENNIS	6,937	6,668	269	3.9
DIGHTON	2,894	2,792	102	3.5
DOUGLAS	2,504	2,395	109	4.4
DOVER	2,489	2,449	40	1.6
DRACUT	15,565	14.954	611	3.9
DUDLEY	5,247	5,093	154	2.9
DUNSTABLE	1,284	1,242	42	3.3
DUXBURY	6,850	6,672	178	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
EAST BRIDGEWATER	5,533	5,308	225	4.1
EAST BROOKFIELD	1,028	976	52	5.1
EAST LONGMEADOW	6,360	6,227	133	2.1
EASTHAM	2,365	2,270	95	4.0
EASTHAMPTON	8,773	8,474	299	3.4
EASTON	10,938	10,623	315	2.9
EDGARTOWN	1,910	1,782	128	6.7
EGREMONT	786	768	18	2.3
ERVING	602	577	25	4.2
ESSEX	1,775	1,702	73	4.1
EVERETT	19,106	18,215	891	4.7
FAIRHAVEN	8,118	7,754	364	4.5
FALL RIVER	43,178	40,176	3,002	7.0
FALMOUTH	14,023	13,500	523	3.7
FITCHBURG	19,074	18,053	1,021	5.4
FLORIDA	404	342	62	15.3
FOXBOROUGH	8,292	8,048	244	2.9
FRAMINGHAM	39,711	38,573	1,138	2.9
FRANKLIN	10,323	9,963	360	3.5
FREETOWN	4,324	4,144	180	4.2
GARDNER	8,659	8,185	474	5.5
GAY HEAD	116	107	9	7.8
GEORGETOWN	3,136	3,040	96	3.1
GILL	773	758	15	1.9
GLOUCESTER	16,069	15,044	1,025	6.4
GOSHEN	453	440	13	2.9
GOSNOLD	32	32	0	0.0
GRAFTON	7,217	7,037	180	2.5
GRANBY	2,835	2,731	104	3.7
GRANVILLE	744	721	23	3.1
GREAT BARRINGTON	3,822	3,684	138	3.6
GREENFIELD	9,882	9,515	367	3.7
GROTON	3,929	3,834	95	2.4
GROVELAND	2,758	2,661	97	3.5
HADLEY	3,191	3,075	116	3.6
HALIFAX	3,039	2,898	141	4.6
HAMILTON	4,226	4,156	70	1.7
HAMPDEN	2,282	2,202	80	3.5
HANCOCK	328	320	8	2.4
HANOVER	6,191	5,993	198	3.2
HANSON	4,477	4,307	170	3.8
HARDWICK	987	942	45	4.6
HARVARD	3,477	3,419	58	1.7
HARWICH	4,775	4,598	177	3.7
HATFIELD	2,340	2,213	127	5.4
HAVERHILL	23,947	22,805	1,142	4.8
HAWLEY	194	190	4	2.1
HEATH	312	301	11	3.5
HINGHAM	10,258	10,008	250	2.4
HINSDALE	855	801	54	6.3
HOLBROOK	6,282	6,062	220	3.5
HOLDEN	8,016	7,868	148	1.8
HOLLAND	720	683	37	5.1
HOLLISTON	7,534	7,365	169	2.2
HOLYOKE	17,995	17,156	839	4.7
HOPEDALE	2,096	2,013	83	4.0
HOPKINTON	5,013	4,875	138	2.8
HUBBARDSTON	921	873	48	5.2
HUDSON	10,666	10,312	354	3.3
HULL	4,787	4,540	247	5.2
HUNTINGTON	919	876	43	4.7
IPSWICH	6,962	6,787	175	2.5
KINGSTON	4,348	4,162	186	4.3
LAKEVILLE	3,646	3,570	76	2.1
LANCASTER	3,223	3,148	75	2.3
LANESBOROUGH	1,627	1,548	79	4.9
LAWRENCE	30,055	27,594	2,461	8.2
LEE	2,972	2,842	130	4.4
LEICESTER	5,571	5,347	224	4.0
LENOX	3,350	3,240	110	3.3
LEOMINSTER	17,802	16,931	871	4.9
LEVERETT	1,238	1,169	69	5.6
LEXINGTON	16,830	16,575	255	1.5
LEYDEN	387	361	26	6.7
LINCOLN	3,524	3,480	44	1.2
LITTLETON	4.158	4,065	93	2.2
LONGMEADOW	7,758	7,636	122	1.6
LOWELL	54,792	52,034	2,758	5.0
LUDLOW	10,518	10,045	473	4.5
LUNENBURG	4,569	4,409	160	3.5
LYNN	40,397	38,534	1,863	4.6
LYNNFIELD	6,205	6,035	170	2.7

APRIL 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	29,199	28,107	1,092	3.7
MANCHESTER	2,968	2,896	72	2.4
MANSFIELD	8,294	8,052	242	2.9
MARBLEHEAD	11,883	11,605	278	2.3
MARION	2,113	2,033	80	3.8
MARLBOROUGH	19,008	18,423	585	3.1
MARSHFIELD	11,971	11,551	420	3.5
MASHPEE	3,505	3,382	123	3.5
MATTAPOISETT	3,283	3,190	93	2.8
MAYNARD	5,801	5,625	176	3.0
MEDFIELD	5,757	5,542	215	3.7
MEDFORD	31,195	30,128	1,067	3.4
MEDWAY	5,239	5,077	162	3.1
MELROSE	16,061	15,594	467	2.9
MENDON	1,935	1,858	77	4.0
MERRIMAC	2,484	2,385	99	4.0
METHUEN	21,734	20,887	847	3.9
MIDDLEBOROUGH	8,314	7,959	355	4.3
MIDDLEFIELD	203	195	8	3.9
MIDDLETON	3,024	2,927	97	3.2
MILFORD	13,576	12,968	608	4.5
MILLBURY	6,724	6,467	257	3.8
MILLIS	4,110	3,955	155	3.8
MILLVILLE	975	900	75	7.7
MILTON	13,261	12,983	278	2.1
MONROE	65	61	4	6.2
MONSON	3,638	3,507	131	3.6
MONTAGUE	4,516	4,210	306	6.8
MONTEREY	575	564	11	1.9
MONTGOMERY	310	304	6	1.9
MOUNT WASHINGTON	72	71	1	1.4
NAHANT	2,234	2,157	77	3.4
NANTUCKET	5,257	5,181	76	1.4
NATICK	18,282	17,842	440	2.4
NEEDHAM	15,498	15,220	278	1.8
NEW ASHFORD	99	96	3	3.0
NEW BEDFORD	48,615	45,395	3,220	6.6
NEW BRAINTREE	332	321	11	3.3
NEW MARLBOROUGH	720	708	12	1.7
NEW SALEM	440	393	47	10.7
NEWBURY	2,714	2,616	98	3.6
NEWBURYPORT	9,045	8,628	417	4.6
NEWTON	48,425	47,485	940	1.9
NORFOLK	3,729	3,615	114	3.1
NORTH ADAMS	8,314	7,777	537	6.5
NORTH ANDOVER	11,491	11,181	310	2.7
NORTH ATTLEBOROUGH	12,023	11,422	601	5.0
NORTH BROOKFIELD	2,304	2,224	80	3.5
NORTH READING	6,989	6,788	201	2.9
NORTHAMPTON	14,323	13,895	428	3.0
NORTHBOROUGH	6,734	6,586	148	2.2
NORTHBRIDGE	6,963	6,756	207	3.0
NORTHFIELD	1,398	1,360	38	2.7
NORTON	7,536	7,285	251	3.3
NORWELL	4,920	4,801	119	2.4
NORWOOD	17,234	16,597	637	3.7
OAK BLUFFS	1,227	1,168	59	4.8
OAKHAM	569	542	27	4.7
ORANGE	2,978	2,781	197	6.6
ORLEANS	3,029	2,938	91	3.0
OTIS	509	466	43	8.4
OXFORD	6,818	6,582	236	3.5
PALMER	6,294	6,057	237	3.8
PAXTON	2,307	2,276	31	1.3
PEABODY	28,315	27,319	996	3.5
PELHAM	992	963	29	2.9
PEMBROKE	7,571	7,277	294	3.9
PEPPERELL	5,554	5,343	211	3.8
PERU	420	407	13	3.1
PETERSHAM	466	452	14	3.0
PHILLIPSTON	496	477	19	3.8
PITTSFIELD	24,732	23,322	1,410	5.7
PLAINFIELD	239	215	24	10.0
PLAINVILLE	3,234	3,025	209	6.5
PLYMOUTH	19,455	18,546	909	4.7
PLYMPTON	1,140	1,108	32	2.8
PRINCETON	1,795	1,742	53	3.0
PROVINCETOWN	2,700	2,056	644	23.9
QUINCY	47,683	45,879	1,804	3.8
RANDOLPH	16,746	16,195	551	3.3
RAYNHAM	5,118	4,971	147	2.9
READING	13,229	12,848	381	2.9
REHOBOTH	4,138	3,955	183	4.4
REVERE	23,234	22,259	975	4.2
RICHMOND	832	810	22	2.6
ROCHESTER	2,039	1,994	45	2.2
ROCKLAND	8,023	7,674	349	4.3
ROCKPORT	3,404	3,234	170	5.0
ROWE	201	180	21	10.4
ROWLEY	2,771	2,665	106	3.8
ROYALSTON	466	447	19	4.1
RUSSELL	782	759	23	2.9
RUTLAND	2,588	2,512	76	2.9
SALEM	22,857	21,975	882	3.9
SALISBURY	3,573	3,392	181	5.1
SANDISFIELD	275	269	6	2.2
SANDWICH	6,945	6,792	153	2.2
SAUGUS	14,812	14,237	575	3.9
SAVOY	351	340	11	3.1
SCITUATE	9,169	8,929	240	2.6
SEEKONK	6,337	6,126	211	3.3
SHARON	8,403	8,219	184	2.2
SHEFFIELD	1,496	1,463	33	2.2
SHELBURNE	1,064	998	66	6.2
SHERBORN	2,200	2,166	34	1.5
SHIRLEY	2,886	2,745	141	4.9
SHREWSBURY	13,671	13,344	327	2.4
SHUTESBURY	953	932	21	2.2
SOMERSET	9,853	9,462	391	4.0
SOMERVILLE	40,808	39,535	1,273	3.1
SOUTH HADLEY	8,743	8,478	265	3.0
SOUTHAMPTON	2,376	2,307	69	2.9
SOUTHBOROUGH	3,698	3,597	101	2.7
SOUTHBRIDGE	6,710	6,317	393	5.9
SOUTHWICK	4,106	4,002	104	2.5
SPENCER	6,369	6,136	233	3.7
SPRINGFIELD	67,933	64,691	3,242	4.8
STERLING	3,852	3,744	108	2.8
STOCKBRIDGE	1,295	1,261	34	2.6
STONEHAM	13,015	12,621	394	3.0
STOUGHTON	15,423	14,862	561	3.6
STOW	3,175	3,109	66	2.1
STURBRIDGE	3,071	2,933	138	4.5
SUDBURY	7,684	7,540	144	1.9
SUNDERLAND	2,524	2,393	131	5.2
SUTTON	3,558	3,467	91	2.6
SWAMPSCOTT	7,925	7,717	208	2.6
SWANSEA	8,229	7,894	335	4.1
TAUNTON	24,328	23,050	1,278	5.3
TEMPLETON	2,658	2,517	141	5.3
TEWKSBURY	15,637	15,066	571	3.7
TISBURY	2,174	2,102	72	3.3
TOLLAND	147	143	4	2.7
TOPSFIELD	3,130	3,069	61	1.9
TOWNSEND	4,559	4,425	134	2.9
TRURO	695	615	80	11.5
TYNGSBOROUGH	4,981	4,778	203	4.1
TYRINGHAM	243	241	2	0.8
UPTON	2,370	2,302	68	2.9
UXBRIDGE	5,016	4,828	188	3.7
WAKEFIELD	14,515	14,070	445	3.1
WALES	537	511	26	4.8
WALPOLE	10,979	10,629	350	3.2
WALTHAM	34,177	33,195	982	2.9
WARE	4,008	3,823	185	4.6
WAREHAM	9,911	9,307	604	6.1
WARREN	1,576	1,500	76	4.8
WARWICK	239	228	11	4.6
WASHINGTON	312	306	6	1.9
WATERTOWN	20,379	19,884	495	2.4
WAYLAND	7,114	6,958	156	2.2
WEBSTER	8,208	7,816	392	4.8
WELLESLEY	14,260	14,089	171	1.2
WELLFLEET	1,221	1,130	91	7.5
WENDELL	402	379	23	5.7
WENHAM	2,187	2,159	28	1.3
WEST BOYLSTON	3,587	3,468	119	3.3
WEST BRIDGEWATER	3,551	3,422	129	3.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

APRIL 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,452	1,398	54	3.7
WEST NEWBURY	1,641	1,598	43	2.6
WEST SPRINGFIELD	14,661	14,202	459	3.1
WEST STOCKBRIDGE	717	699	18	2.5
WEST TISBURY	821	814	7	0.9
WESTBOROUGH	8,338	8,168	170	2.0
WESTFIELD	18,386	17,874	512	2.8
WESTFORD	9,264	8,990	274	3.0
WESTHAMPTON	785	780	5	0.6
WESTMINSTER	2,889	2,716	173	6.0
WESTON	5,793	5,720	73	1.3
WESTPORT	7,020	6,714	306	4.4
WESTWOOD	7,106	6,960	146	2.1
WEYMOUTH	31,254	30,244	1,010	3.2
WHATELY	1,008	987	21	2.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
WHITMAN	7,449	7,168	281	3.8
WILBRAHAM	6,385	6,237	148	2.3
WILLIAMSBURG	1,517	1,465	52	3.4
WILLIAMSTOWN	4,072	4,022	50	1.2
WILMINGTON	9,621	9,265	356	3.7
WINCHENDON	3,350	3,165	185	5.5
WINCHESTER	11,066	10,846	220	2.0
WINDSOR	359	337	22	6.1
WINTHROP	10,972	10,614	358	3.3
WOBURN	22,618	21,859	759	3.4
WORCESTER	85,439	82,087	3,352	3.9
WORTHINGTON	631	612	19	3.0
WRENTHAM	3,994	3,869	125	3.1
YARMOUTH	9,665	9,328	337	3.5

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	APR 89	MAR 89	APR 88	APR 89	MAR 89	APR 88
MASSACHUSETTS	5,876	6,777	7,582	71,710	83,587	55,410
MAJOR LABOR AREAS						
BOSTON PMSA	2,325	2,639	1,593	30,219	33,183	22,444
BROCKTON PMSA	215	234	144	2,443	2,809	1,764
FALL RIVER PMSA[3]	400	342	368	2,988	4,193	2,568
FITCHBURG-LEOMINSTER MSA	114	164	81	1,475	1,662	782
LAWRENCE-HAVERHILL PMSA[4]	421	441	294	4,788	4,983	2,994
LOWELL PMSA[4]	270	297	154	3,447	3,626	2,051
NEW BEDFORD MSA	293	458	328	3,177	4,300	2,574
PITTSFIELD MSA	93	72	60	1,241	1,518	1,149
SPRINFIELD MSA	297	484	284	3,357	4,036	2,754
SALEM-GLOUCESTER PMSA	510	470	342	5,658	6,696	3,891
WORCESTER MSA	390	491	246	4,838	5,560	3,155
OTHER LABOR AREAS						
AMHERST LMA	20	13	10	238	308	138
ATHOL LMA	35	33	35	409	501	294
BARNSTABLE COUNTY LMA	176	250	115	3,278	4,747	2,546
BALANCE OF WESTERN MA EA	19	12	11	211	275	148
DUKES COUNTY LMA	5	9	2	165	353	105
GARDNER LMA	46	52	30	537	651	302
GREAT BARRINGTON LMA	7	7	16	143	215	127
GREENFIELD LMA	75	52	24	624	801	366
NANTUCKET LMA	2	2	0	49	93	41
NORTH ADAMS LMA	70	64	53	637	758	515
SOUTHBRIDGE LMA	30	27	18	407	462	305
TAUNTON LMA	117	172	84	1,030	1,224	583
WARE LMA	17	32	18	257	347	221

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Commonwealth of Massachusetts

Department of
Employment
and Training

Employment Review

MAY 1989

Employment Increases in May

Massachusetts total nonagricultural employment totaled 3,160,800 in May 1989. Seasonal hiring increased the number of jobs in the Commonwealth by 20,600 jobs over the past month.

- Wholesale and retail trade added 7,600 jobs over the month. Retail trade increased by 1.3 percent from April 1989 reaching a level of 550,200 jobs. Nurseries, lawn and garden supply stores, paint and building supply stores, and eating and drinking places are some of the retail trade establishments contributing to the seasonal increase in employment.

- The service sector increased by 5,800 jobs in May 1989, as employment levels rose in hotels, camps and recreational vehicle parks, golf courses, and other recreational facilities.

- Displaying normal seasonal patterns, the construction industry added 4,200 jobs over the month, to reach a level of 142,800 workers in May 1989.

- Manufacturing employment totaled 575,900 in May 1989, down 600 from the previous month.

Annual Employment Higher

Total employment in the Commonwealth has grown by 32,200 jobs since May 1988, an increase of 1 percent.

- Service sector employment has increased by 34,500 jobs since May 1988 an annual growth rate of 3.9 percent. The growth of jobs in this area has more than offset declines in other areas of the economy.

- The finance, insurance, and real estate sector added 8,800 jobs over the past year.

Unemployment Rates Decline

The May 1989 Massachusetts seasonally adjusted unemployment rate of 3.6 percent represents a decline from April's rate of 3.8 percent. The national seasonally adjusted rate of unemployment also declined during May 1989 to 5.2 percent from the April rate of 5.3 percent. New Jersey had a lower seasonally adjusted unemployment rate of 3.0 percent, and Michigan posted the higest unemployment rate of the eleven largest states at 6.7 percent.

The seasonally unadjusted unemployment rates for Massachusetts and eight of the ten major labor market areas reached their lowest levels for 1989 during May.

- The Boston PMSA unemployment rate declined to 2.9 in May 1989.

- Both the Pittsfield MSA and the Fall River PMSA experienced declines of

(continued on page 9)

Commonwealth of Massachusetts

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3160.8	3140.2	3128.6	20.6	0.7	32.2	1.0
Manufacturing	575.9	576.5	586.7	-0.6	-0.1	-10.8	-1.8
Durable Goods	380.6	381.1	390.1	-0.5	-0.1	-9.5	-2.4
Lumber & Furniture	12.0	12.0	12.6	0.0	****	-0.6	-4.8
Stone, Clay & Glass	11.4	11.3	11.2	0.1	0.9	0.2	1.8
Primary Metals	15.6	15.7	15.5	-0.1	-0.6	0.1	0.6
Fabricated Metals	40.5	40.6	40.9	-0.1	-0.2	-0.4	-1.0
Cutlery, Hand tools, Hardware	8.2	8.3	9.0	-0.1	-1.2	-0.8	-8.9
Machinery, except electrical	100.2	100.2	100.0	0.0	****	0.2	0.2
Metalworking machinery	13.7	13.5	13.1	0.2	1.5	0.6	4.6
Special industry machinery	10.9	10.9	11.2	0.0	****	-0.3	-2.7
* Office Computing, & Accounting Machines	54.8	54.9	54.1	-0.1	-0.2	0.7	1.3
Electrical & Electronic machinery, equip., etc.	99.1	99.0	103.1	0.1	0.1	-4.0	-3.9
Communications equipment	37.2	37.0	38.3	0.2	0.5	-1.1	-2.9
Electronic components	38.3	38.3	40.5	0.0	****	-2.2	-5.4
Transportation equipment	30.8	30.9	33.3	-0.1	-0.3	-2.5	-7.5
Instruments	52.4	52.7	54.4	-0.3	-0.6	-2.0	-3.7
Measuring & Control devices	20.4	20.7	20.2	-0.3	-1.4	0.2	1.0
Miscellaneous Manufacturing Industries	18.6	18.7	19.1	-0.1	-0.5	-0.5	-2.6
Jewelry	7.1	7.1	7.2	0.0	****	-0.1	-1.4
Nondurable Goods	195.3	195.4	196.6	-0.1	-0.1	-1.3	-0.7
Food & kindred products	20.7	20.5	20.8	0.2	1.0	-0.1	-0.5
Textile mill products	15.5	15.7	16.1	-0.2	-1.3	-0.6	-3.7
Apparel	23.4	23.5	23.9	-0.1	-0.4	-0.5	-2.1
Mens & Boys suits, coats & furnishings	6.1	6.1	6.4	0.0	****	-0.3	-4.7
Paper & allied products	24.5	24.5	24.8	0.0	****	-0.3	-1.2
Printing & Publishing	55.8	55.9	55.8	-0.1	-0.2	0.0	****
Chemicals	19.0	18.9	18.2	0.1	0.5	0.8	4.4
Rubber & miscellaneous Plastic products	26.7	26.8	26.6	-0.1	-0.4	0.1	0.4
Miscellaneous Plastic products	20.5	20.7	20.5	-0.2	-1.0	0.0	****
Leather & Leather products	8.1	8.1	8.8	0.0	****	-0.7	-8.0
Footwear, except rubber	3.7	3.6	4.2	0.1	2.8	-0.5	-11.9
Mining	1.3	1.2	1.6	0.1	8.3	-0.3	-18.8
Construction	142.8	138.6	144.4	4.2	3.0	-1.6	-1.1
Transportation, Communication & Public Utilities	136.1	134.3	134.5	1.8	1.3	1.6	1.2
Wholesale & Retail trade	732.6	725.0	730.9	7.6	1.0	1.7	0.2
Wholesale Trade	182.4	181.6	178.4	0.8	0.4	4.0	2.2
Retail Trade	550.2	543.4	552.5	6.8	1.3	-2.3	-0.4
Finance, Insurance & Real Estate	233.4	232.0	224.6	1.4	0.6	8.8	3.9
Banking	65.1	65.5	64.7	-0.4	-0.6	0.4	0.6
Services	929.4	923.6	894.9	5.8	0.6	34.5	3.9
Health Services	254.7	253.7	248.6	1.0	0.4	6.1	2.5
Educational Services	121.9	124.3	119.4	-2.4	-1.9	2.5	2.1
Government	409.3	409.0	411.0	0.3	0.1	-1.7	-0.4
Federal	62.3	63.1	63.5	-0.8	-1.3	-1.2	-1.9
U.S. Postal Service	27.3	27.2	27.2	0.1	0.4	0.1	0.4
State	100.9	101.0	103.2	-0.1	-0.1	-2.3	-2.2
Educational services	23.1	23.4	26.2	-0.3	-1.3	-3.1	-11.8
Local	246.1	244.9	244.3	1.2	0.5	1.8	0.7
Educational services	141.0	140.9	140.0	0.1	0.1	1.0	0.7
Other Local	105.1	104.0	104.3	1.1	1.1	0.8	0.8
* High Technology Manufacturing	230.9	231.2	236.8	-0.3	-0.1	-5.9	-2.5
* High Technology Nonmanufacturing	91.5	91.6	88.5	-0.1	-0.1	3.0	3.4

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1776.6	1766.8	1756.5	9.8	0.6	20.1	1.1
Manufacturing	267.5	267.4	271.9	0.1	****	-4.4	-1.6
Durable Goods	189.6	189.5	194.4	0.1	0.1	-4.8	-2.5
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	14.8	14.8	15.4	0.0	****	-0.6	-3.9
Machinery, except electrical	44.7	44.8	45.8	-0.1	-0.2	-1.1	-2.4
Electrical & Electronic machinery,equip.,etc.	56.6	56.3	57.7	0.3	0.5	-1.1	-1.9
Transportation equipment	19.5	19.4	20.6	0.1	0.5	-1.1	-5.3
Instruments	39.3	39.5	39.9	-0.2	-0.5	-0.6	-1.5
Nondurable Goods	77.9	77.9	77.5	0.0	****	0.4	0.5
Food & kindred products	11.6	11.5	10.8	0.1	0.9	0.8	7.4
Textile mill products	1.9	2.0	2.3	-0.1	-5.0	-0.4	-17.4
Apparel	5.9	6.0	6.2	-0.1	-1.7	-0.3	-4.8
Paper & allied products	6.7	6.7	6.9	0.0	****	-0.2	-2.9
Printing & Publishing	34.0	34.0	33.2	0.0	****	0.8	2.4
Chemicals	7.9	7.9	7.9	0.0	****	0.0	****
Rubber & miscellaneous Plastic products	7.0	6.9	7.2	0.1	1.4	-0.2	-2.8
Leather & Leather products	2.3	2.3	2.3	0.0	****	0.0	****
Mining	1.0	0.9	0.9	0.1	11.1	0.1	11.1
Construction	75.4	71.9	72.6	3.5	4.9	2.8	3.9
Transportation, Communication & Public Utilities	77.0	76.3	77.3	0.7	0.9	-0.3	-0.4
Wholesale & Retail trade	387.1	385.9	389.8	1.2	0.3	-2.7	-0.7
Finance, Insurance & Real Estate	159.6	158.7	153.9	0.9	0.6	5.7	3.7
Banking	44.3	44.0	43.3	0.3	0.7	1.0	2.3
Insurance	34.7	34.6	35.0	0.1	0.3	-0.3	-0.9
Services	600.1	598.0	582.2	2.1	0.4	17.9	3.1
Health Services	147.2	146.4	141.9	0.8	0.5	5.3	3.7
Educational Services	93.4	94.2	94.4	-0.8	-0.8	-1.0	-1.1
Government	208.9	207.7	207.9	1.2	0.6	1.0	0.5
Federal	37.8	37.9	38.2	-0.1	-0.3	-0.4	-1.0
U.S. Postal Service	15.1	15.1	15.2	0.0	****	-0.1	-0.7
Federal Hospitals	5.1	5.1	4.9	0.0	****	0.2	4.1
State	50.2	49.7	50.8	0.5	1.0	-0.6	-1.2
State Hospitals	4.9	4.9	4.9	0.0	****	0.0	****
Educational services	8.6	8.5	8.4	0.1	1.2	0.2	2.4
Local	120.9	120.1	118.9	0.8	0.7	2.0	1.7

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	245.1	244.4	242.6	0.7	0.3	2.5	1.0
Manufacturing	50.3	50.4	51.2	-0.1	-0.2	-0.9	-1.8
Durable Goods	25.2	25.3	25.9	-0.1	-0.4	-0.7	-2.7
Fabricated Metals	6.7	6.8	6.9	-0.1	-1.5	-0.2	2.9
Machinery, except electrical	6.2	6.1	6.2	0.1	1.6	0.0	****
Nondurable Goods	25.1	25.1	25.3	0.0	****	-0.2	-0.8
Textile mill products	1.6	1.6	1.6	0.0	****	0.0	****
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.2	8.2	8.0	0.0	****	0.2	2.5
Printing & Publishing	6.4	6.4	6.5	0.0	****	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.2	10.6	10.3	0.6	5.7	0.9	8.7
Transportation, Communication & Public Utilities	10.5	10.4	9.8	0.1	1.0	0.7	7.1
Wholesale & Retail trade	58.4	57.8	57.1	0.6	1.0	1.3	2.3
Finance, Insurance & Real Estate	15.8	15.6	15.8	0.2	1.3	0.0	****
Services	60.7	61.2	59.2	-0.5	-0.8	1.5	2.5
Government	38.1	38.3	39.1	-0.2	-0.5	-1.0	-2.6
Federal	6.0	6.0	6.0	0.0	****	0.0	****
State	8.4	8.5	8.5	-0.1	-1.2	-0.1	-1.2
Local	23.7	23.8	24.6	-0.1	-0.4	-0.9	-3.7
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	216.4	215.8	208.1	0.6	0.3	8.3	4.0
Manufacturing	45.8	45.7	44.7	0.1	0.2	1.1	2.5
Durable Goods	30.4	30.4	29.5	0.0	****	0.9	3.1
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.5	7.5	7.0	0.0	****	0.5	7.1
Machinery, except electrical	10.0	10.0	9.8	0.0	****	0.2	2.0
Nondurable Goods	15.4	15.3	15.2	0.1	0.7	0.2	1.3
Textile mill products	2.4	2.4	2.6	0.0	****	-0.2	-7.7
Leather & Leather products	0.6	0.6	0.7	0.0	****	-0.1	-14.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	10.9	10.6	10.6	0.3	2.8	0.3	2.8
Transportation, Communication & Public Utilities	9.8	9.7	9.5	0.1	1.0	0.3	3.2
Wholesale & Retail trade	52.2	52.1	49.9	0.1	0.2	2.3	4.6
Finance, Insurance & Real Estate	15.4	15.3	14.5	0.1	0.7	0.9	6.2
Services	56.8	56.8	53.5	0.0	****	3.3	6.2
Government	25.4	25.5	25.3	-0.1	-0.4	0.1	0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
BROCKTON PMSA TTS PMSA							
NONAGRICULTURAL EMPLOYMENT	75.9	75.5	73.6	0.4	0.5	2.3	3.1
Manufacturing	11.1	11.1	11.0	0.0	****	0.1	0.9
Durable Goods	6.3	6.3	6.1	0.0	****	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	4.8	4.8	4.9	0.0	****	-0.1	-2.0
Construction	4.5	4.3	4.2	0.2	4.7	0.3	7.1
Transportation, Communication & Public Utilities	5.0	5.0	5.2	0.0	****	-0.2	-3.8
Wholesale & Retail trade	22.8	22.6	22.3	0.2	0.9	0.5	2.2
Finance, Insurance & Real Estate	3.4	3.4	3.3	0.0	****	0.1	3.0
Services	16.7	16.7	15.6	0.0	****	1.1	7.1
Government	12.4	12.4	12.0	0.0	****	0.4	3.3
Federal	3.4	3.4	3.0	0.0	****	0.4	13.3
State	2.8	2.8	2.7	0.0	****	0.1	3.7
Local	6.2	6.2	6.3	0.0	****	-0.1	-1.6
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	167.7	167.0	167.2	0.7	0.4	0.5	0.3
Manufacturing	47.3	47.7	50.6	-0.4	-0.8	-3.3	-6.5
Durable Goods	33.2	33.5	36.2	-0.3	-0.9	-3.0	-8.3
Nondurable Goods	14.1	14.2	14.4	-0.1	-0.7	-0.3	-2.1
Leather & Leather products	1.6	1.6	1.9	0.0	****	-0.3	-15.8
Construction	8.1	7.6	7.9	0.5	6.6	0.2	2.5
Transportation, Communication & Public Utilities	7.3	7.2	7.0	0.1	1.4	0.3	4.3
Wholesale & Retail trade	38.4	37.9	36.9	0.5	1.3	1.5	4.1
Finance, Insurance & Real Estate	7.1	6.9	6.7	0.2	2.9	0.4	6.0
Services	37.7	37.3	35.9	0.4	1.1	1.8	5.0
Government	21.8	22.4	22.2	-0.6	-2.7	-0.4	-1.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	43.5	42.6	42.3	0.9	2.1	1.2	2.8
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.9	10.9	11.1	0.0	****	-0.2	-1.8
Machinery	6.6	6.5	6.7	0.1	1.5	-0.1	-1.5
All other manufacturing	4.3	4.4	4.4	-0.1	-2.3	-0.1	-2.3
Construction	2.9	2.6	2.7	0.3	11.5	0.2	7.4
Transportation, Communication & Public Utilities	1.2	1.2	1.1	0.0	****	0.1	9.1
Wholesale & Retail trade	10.3	10.1	9.7	0.2	2.0	0.6	6.2
Finance, Insurance & Real Estate	2.0	1.9	2.0	0.1	5.3	0.0	****
Services	11.2	10.9	10.7	0.3	2.8	0.5	4.7
Government	4.9	4.9	4.9	0.0	****	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.8	69.2	68.3	0.6	0.9	1.5	2.2
Manufacturing	18.1	18.0	19.2	0.1	0.6	-1.1	-5.7
Durable Goods	7.7	7.7	8.2	0.0	****	-0.5	-6.1
Primary & Fabricated Metals	2.2	2.2	2.4	0.0	****	-0.2	-8.3
Nondurable Goods	10.4	10.3	11.0	0.1	1.0	-0.6	-5.5
Apparel	5.2	5.1	5.8	0.1	2.0	-0.6	-10.3
Construction	4.0	3.8	3.5	0.2	5.3	0.5	14.3
Transportation, Communication & Public Utilities	3.1	3.0	3.1	0.1	3.3	0.0	****
Wholesale & Retail trade	16.8	16.7	16.4	0.1	0.6	0.4	2.4
Finance, Insurance & Real Estate	2.6	2.5	2.6	0.1	4.0	0.0	****
Services	14.6	14.4	13.7	0.2	1.4	0.9	6.6
Government	10.6	10.8	9.8	-0.2	-1.9	0.8	8.2
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.0	56.4	56.3	0.6	1.1	0.7	1.2
Manufacturing	15.1	15.2	15.9	-0.1	-0.7	-0.8	-5.0
Textile mill products	3.8	3.9	3.8	-0.1	-2.6	0.0	****
All other manufacturing	11.3	11.3	12.1	0.0	****	-0.8	-6.6
Construction	3.7	3.5	3.2	0.2	5.7	0.5	15.6
Transportation, Communication & Public Utilities	2.0	1.9	2.0	0.1	5.3	0.0	****
Wholesale & Retail trade	14.5	14.4	14.3	0.1	0.7	0.2	1.4
Finance, Insurance & Real Estate	3.4	3.4	3.1	0.0	****	0.3	9.7
Services	11.2	11.0	10.8	0.2	1.8	0.4	3.7
Government	7.1	7.0	7.0	0.1	1.4	0.1	1.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	42.7	42.1	42.2	0.6	1.4	0.5	1.2
Manufacturing	12.3	12.3	12.0	0.0	****	0.3	2.5
Durable Goods	5.0	5.1	5.0	-0.1	-2.0	0.0	****
Machinery, except electrical	3.0	3.1	3.0	-0.1	-3.2	0.0	****
Nondurable Goods	7.3	7.2	7.0	0.1	1.4	0.3	4.3
Rubber & miscellaneous Plastic products	3.7	3.7	3.6	0.0	****	0.1	2.8
Construction	2.9	2.7	2.6	0.2	7.4	0.3	11.5
Transportation, Communication & Public Utilities	1.5	1.6	1.7	-0.1	-6.3	-0.2	-11.8
Wholesale & Retail trade	10.4	10.3	10.3	0.1	1.0	0.1	1.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	9.0	8.6	8.9	0.4	4.7	0.1	1.1
Government	4.9	4.9	5.0	0.0	****	-0.1	-2.0
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	111.9	111.0	110.4	0.9	0.8	1.5	1.4
Mining	0.2	0.2	0.2	0.0	****	0.0	****
Manufacturing	36.1	36.2	36.8	-0.1	-0.3	-0.7	-1.9
Construction	6.3	5.9	5.9	0.4	6.8	0.4	6.8
Transportation, Communication & Public Utilities	5.4	5.0	4.9	0.4	8.0	0.5	10.2
Wholesale & Retail trade	24.1	24.1	23.5	0.0	****	0.6	2.6
Finance, Insurance & Real Estate	4.1	4.1	4.0	0.0	****	0.1	2.5
Services	22.0	21.8	21.3	0.2	0.9	0.7	3.3
Government	13.7	13.7	13.8	0.0	****	-0.1	-0.7
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	119.0	116.7	116.3	2.3	2.0	2.7	2.3
Manufacturing	21.3	21.4	22.6	-0.1	-0.5	-1.3	-5.8
Durable Goods	14.6	14.7	15.4	-0.1	-0.7	-0.8	-5.2
Nondurable Goods	6.7	6.8	7.2	-0.1	-1.5	-0.5	-6.9
Construction	6.1	5.8	5.4	0.3	5.2	0.7	13.0
Transportation, Communication & Public Utilities	4.2	4.2	3.8	0.0	****	0.4	10.5
Wholesale & Retail trade	33.8	33.1	33.6	0.7	2.1	0.2	0.6
Finance, Insurance & Real Estate	6.4	6.2	5.9	0.2	3.2	0.5	8.5
Services	30.7	30.0	29.0	0.7	2.3	1.7	5.9
Government	16.5	16.0	16.0	0.5	3.1	0.5	3.1

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Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS

MANUFACTURING

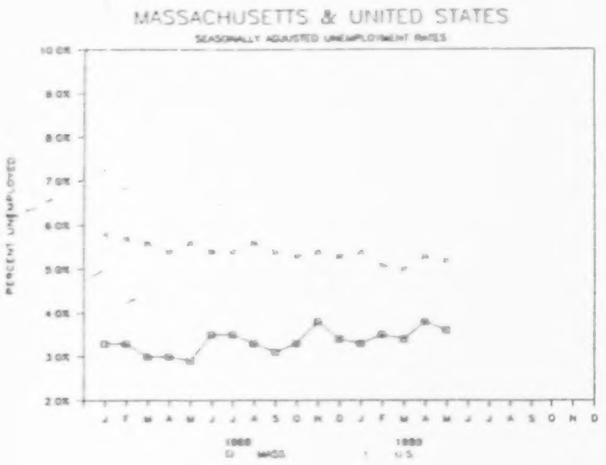
Area	Average Weekly Hours			Average Hourly Earnings		
	MAY 89	APR 89	MAY 88	MAY 89	APR 89	MAY 88
UNITED STATES	40.9	41.0	41.0	$10.41	$10.41	$10.14
MASSACHUSETTS	40.8	40.9	40.7	10.65	10.60	10.12
BOSTON	40.5	40.5	42.8	11.33	11.32	10.93
BROCKTON	39.3	39.9	41.1	8.88	8.78	8.44
FALL RIVER	38.0	37.9	37.1	8.30	8.19	7.61
LAWRENCE-HAVERHILL	40.6	40.5	40.1	10.57	10.58	10.10
LOWELL	39.4	39.7	42.6	10.50	10.48	10.09
NEW BEDFORD	38.2	38.1	38.2	9.13	9.07	8.76
SPRINGFIELD	42.3	42.4	42.6	9.94	9.91	9.73
WORCESTER	41.3	41.5	40.4	10.84	10.76	10.33

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	APR 89	MAR 89	APR 88	APR 89	MAR 89	APR 88
MANUFACTURING	40.8	40.9	40.7	$10.65	$10.60	$10.12
DURABLE GOODS	41.5	41.6	41.0	11.08	11.03	10.57
LUMBER & FURNITURE	40.2	40.2	39.4	8.88	8.82	7.95
STONE, CLAY & GLASS	41.7	42.3	42.0	12.77	12.73	12.44
PRIMARY METALS	41.3	41.5	41.5	10.64	10.44	10.12
FABRICATED METALS	41.0	41.2	41.9	11.14	11.18	10.58
CUTLERY, ETC.	45.8	45.7	45.3	11.78	11.81	11.18
MACHINERY, EX. ELEC.	41.7	42.0	41.9	11.25	11.22	10.77
METALWORKING MACH.	43.6	43.9	43.5	11.33	11.34	11.22
SPECIAL INDU. MACH.	43.0	43.3	44.1	12.18	11.93	12.16
ELEC. & ELECTRON. MACH.	40.6	40.4	41.2	10.54	10.49	10.13
COMMUNICATIONS EQUIP.	41.7	41.2	41.5	11.09	11.11	10.56
ELECTRONIC COMP.	41.0	40.9	41.3	10.69	10.58	10.07
TRANSPORTATION EQUIP.	41.9	41.9	42.8	13.18	13.12	12.76
INSTRUMENTS	43.1	43.2	37.5	11.62	11.54	10.90
MEAS. & CONTROL DEVICES	45.6	45.3	45.4	8.96	9.08	8.57
MISC. MANUFAC. IND.	42.7	41.9	42.0	9.55	9.39	9.06
JEWELRY	41.1	41.0	42.3	8.65	8.61	7.87
NONDURABLE GOODS	39.6	39.9	40.4	9.94	9.90	9.49
FOOD & KINDRED PROD.	41.1	41.1	39.5	10.51	10.55	10.04
TEXTILE MILL PROD.	42.7	42.8	43.2	9.18	9.13	8.74
APPAREL	37.1	37.1	38.4	7.22	7.13	6.45
MENS & BOYS SUITS	37.5	37.1	40.4	7.84	7.79	7.30
PAPER & ALLIED PRODUCTS	42.1	42.6	44.9	10.59	10.70	10.26
PRINTING & PUBLISHING	36.4	37.3	36.9	11.02	10.93	10.25
CHEMICALS	40.9	41.1	43.2	12.10	12.03	11.97
RUBBER & PLASTIC PROD.	42.1	42.1	42.3	9.63	9.57	9.41
MISC. PLAS. PROD.	40.8	40.8	40.7	9.39	9.39	9.22
LEATHER & LEATHER PROD.	36.2	36.1	37.0	7.87	7.84	7.61
FOOTWEAR, EX. RUBBER	36.0	35.4	37.8	6.92	6.95	6.77



(continued from page 1)

one percentage point over the month in their seasonally unadjusted unemployment rates with 4.1 percent and 4.8 percent respectively.

- The lowest rates among the smaller labor market areas were in Nantucket at 1.1 percent and Dukes County at 2.6 percent.

The Current Employment Statistics Program

The Massachusetts and area employment estimates published in the Employment Review are the result of a continuing cooperative effort by the Economic Research and Analysis service of the Massachusetts Department of Employment and Training and the Bureau of Labor Statistics of the U.S. Department of Labor. The procedures used to develop the estimates are established by the Bureau of Labor Statistics to provide a high degree of accuracy while producing employment information on a current basis at the local labor market area, the state, and national level.

The process of estimating the current employment begins by establishing a count of employment using data collected from those business establishments covered by the Massachusetts Employment Security Law and the Federal Unemployment Insurance Law. These sources are supplemented with data from certain nonagricultural establishments not covered by unemployment insurance laws. This count of employment is conducted annually each March and is referred to as the benchmark level of employment.

Monthly surveys are sent to approximately 10,000 establishments to obtain information about employment and payroll for the pay period that includes the twelth of the month. Employers participate voluntarily and are solicited in order to maintain a statistically accurate sample: by area, by industry and by size of firm. The returned surveys are reviewed for completeness and the monthly data is edited for reasonableness and accuracy.

Employment estimates by industry for the state and each labor market area are then formulated by applying the trends indicated by the sample reporters to the aggregate total for the particular industry and area. A ratio of the current month's employment to the previous month's level for a matched sample is calculated and applied to the previous month's total employment for that industry grouping in order to estimate the current month's employment level. This procedure is repeated each month to produce each successive month's estimate. Each year a new benchmark level is set and the successive months are re-estimated and revisions are made to previously released data.

The hours and earnings estimates are also calculated monthly using a matched sample. Micro data is reviewed and a weighted average of the hours and earnings for the production workers is produced by selected industries for the state and the majority of the labor market areas.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	MAY 1989	APRIL 1989	MAY 1988
United States	5.2	5.3	5.6
Massachusetts	3.6	3.8	2.9
Labor Force	3,196.0	3,197.0	3,127.0
Employed	3,080.0	3,077.0	3,035.0
Unemployed	116.0	120.0	92.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
UNITED STATES			
LABOR FORCE	123,195,000	122,576,000	120,775,000
EMPLOYMENT	117,039,000	116,347,000	114,222,000
UNEMPLOYMENT	6,156,000	6,229,000	6,553,000
PERCENT UNEMPLOYED	5.0	5.1	5.4
MASSACHUSETTS			
LABOR FORCE	3,169,600	3,178,400	3,103,000
EMPLOYMENT	3,061,700	3,060,600	3,019,300
UNEMPLOYMENT	107,900	117,800	83,700
PERCENT UNEMPLOYED	3.4	3.7	2.7
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,562,670	1,568,240	1,538,970
EMPLOYMENT	1,516,780	1,519,260	1,502,840
UNEMPLOYMENT	45,880	48,980	36,130
PERCENT UNEMPLOYED	2.9	3.1	2.3
BROCKTON PMSA			
LABOR FORCE	100,170	100,670	96,680
EMPLOYMENT	96,190	96,320	93,480
UNEMPLOYMENT	3,980	4,350	3,200
PERCENT UNEMPLOYED	4.0	4.3	3.3
FALL RIVER PMSA			
LABOR FORCE	76,490	77,190	75,570
EMPLOYMENT	72,790	72,710	72,320
UNEMPLOYMENT	3,700	4,490	3,250
PERCENT UNEMPLOYED	4.8	5.8	4.3
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	47,870	48,000	47,930
EMPLOYMENT	45,590	45,620	46,510
UNEMPLOYMENT	2,280	2,380	1,430
PERCENT UNEMPLOYED	4.8	5.0	3.0
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	189,040	189,970	186,800
EMPLOYMENT	180,410	181,140	180,390
UNEMPLOYMENT	8,630	8,820	6,410
PERCENT UNEMPLOYED	4.6	4.6	3.4
LOWELL PMSA			
LABOR FORCE	155,220	155,560	151,110
EMPLOYMENT	149,110	149,330	146,840
UNEMPLOYMENT	6,110	6,230	4,270
PERCENT UNEMPLOYED	3.9	4.0	2.8
NEW BEDFORD MSA			
LABOR FORCE	87,530	87,810	84,090
EMPLOYMENT	83,200	83,010	80,680
UNEMPLOYMENT	4,320	4,810	3,400
PERCENT UNEMPLOYED	4.9	5.5	4.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
PITTSFIELD MSA			
LABOR FORCE	40,560	40,530	39,590
EMPLOYMENT	38,910	38,460	38,020
UNEMPLOYMENT	1,650	2,070	1,570
PERCENT UNEMPLOYED	4.1	5.1	4.0
SALEM-GLOUCESTER PMSA			
LABOR FORCE	157,850	156,560	154,020
EMPLOYMENT	152,930	151,240	150,070
UNEMPLOYMENT	4,920	5,320	3,960
PERCENT UNEMPLOYED	3.1	3.4	2.6
SPRINGFIELD MSA			
LABOR FORCE	251,990	253,740	248,280
EMPLOYMENT	243,270	244,380	241,690
UNEMPLOYMENT	8,720	9,360	6,600
PERCENT UNEMPLOYED	3.5	3.7	2.7
WORCESTER MSA			
LABOR FORCE	229,170	230,760	219,640
EMPLOYMENT	221,910	222,800	214,090
UNEMPLOYMENT	7,260	7,950	5,560
PERCENT UNEMPLOYED	3.2	3.4	2.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,840	32,920	31,020
EMPLOYMENT	31,860	31,970	30,300
UNEMPLOYMENT	980	940	710
PERCENT UNEMPLOYED	3.0	2.9	2.3
ATHOL LMA			
LABOR FORCE	11,020	10,840	10,440
EMPLOYMENT	10,400	10,170	9,970
UNEMPLOYMENT	620	670	470
PERCENT UNEMPLOYED	5.6	6.2	4.5
ATTLEBORO LMA			
LABOR FORCE	48,210	48,390	47,110
EMPLOYMENT	45,650	45,710	45,360
UNEMPLOYMENT	2,560	2,680	1,750
PERCENT UNEMPLOYED	5.3	5.5	3.7
BARNSTABLE LMA			
LABOR FORCE	102,970	101,140	99,590
EMPLOYMENT	98,900	95,900	96,280
UNEMPLOYMENT	4,080	5,230	3,310
PERCENT UNEMPLOYED	4.0	5.2	3.3
DUKES COUNTY LMA			
LABOR FORCE	7,250	6,680	6,710
EMPLOYMENT	7,060	6,380	6,580
UNEMPLOYMENT	190	300	130
PERCENT UNEMPLOYED	2.6	4.4	2.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
GARDNER LMA			
LABOR FORCE	15,500	15,590	14,840
EMPLOYMENT	14,690	14,740	14,280
UNEMPLOYMENT	810	840	560
PERCENT UNEMPLOYED	5.2	5.4	3.8
GREAT BARRINGTON LMA			
LABOR FORCE	8,860	8,790	8,870
EMPLOYMENT	8,690	8,550	8,680
UNEMPLOYMENT	170	240	180
PERCENT UNEMPLOYED	2.0	2.7	2.1
GREENFIELD LMA			
LABOR FORCE	27,020	27,190	26,310
EMPLOYMENT	26,220	26,140	25,730
UNEMPLOYMENT	800	1,050	580
PERCENT UNEMPLOYED	3.0	3.9	2.2
NANTUCKET LMA			
LABOR FORCE	5,580	5,260	5,830
EMPLOYMENT	5,520	5,180	5,760
UNEMPLOYMENT	60	80	60
PERCENT UNEMPLOYED	1.1	1.4	1.1
NORTH ADAMS LMA			
LABOR FORCE	19,260	19,640	18,950
EMPLOYMENT	18,540	18,690	18,290
UNEMPLOYMENT	720	950	660
PERCENT UNEMPLOYED	3.7	4.8	3.5
SOUTHBRIDGE LMA			
LABOR FORCE	12,210	12,160	12,480
EMPLOYMENT	11,620	11,510	11,980
UNEMPLOYMENT	590	650	500
PERCENT UNEMPLOYED	4.8	5.4	4.0
TAUNTON LMA			
LABOR FORCE	28,920	29,190	27,220
EMPLOYMENT	27,580	27,660	26,340
UNEMPLOYMENT	1,330	1,530	890
PERCENT UNEMPLOYED	4.6	5.2	3.3
WARE LMA			
LABOR FORCE	8,730	8,940	8,230
EMPLOYMENT	8,390	8,530	7,950
UNEMPLOYMENT	340	400	290
PERCENT UNEMPLOYED	3.9	4.5	3.5
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,970	9,700	8,930
EMPLOYMENT	9,660	9,320	8,690
UNEMPLOYMENT	310	380	230
PERCENT UNEMPLOYED	3.1	3.9	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

MAY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,756	7,476	280	3.6
ACTON	10,167	9,977	190	1.9
ACUSHNET	5,256	5,041	215	4.1
ADAMS	4,998	4,811	187	3.7
AGAWAM	14,348	13,969	379	2.6
ALFORD	224	221	3	1.3
AMESBURY	7,428	7,096	332	4.5
AMHERST	20,585	20,169	416	2.0
ANDOVER	14,080	13,655	425	3.0
ARLINGTON	26,516	25,962	554	2.1
ASHBURNHAM	2,456	2,352	104	4.2
ASHBY	1,287	1,240	47	3.7
ASHFIELD	918	891	27	2.9
ASHLAND	7,123	6,949	174	2.4
ATHOL	4,827	4,535	292	6.0
ATTLEBORO	18,160	17,077	1,083	6.0
AUBURN	9,014	8,728	286	3.2
AVON	2,924	2,839	85	2.9
AYER	3,563	3,431	132	3.7
BARNSTABLE	21,498	20,204	1,294	6.0
BARRE	2,389	2,330	59	2.5
BECKET	829	792	37	4.5
BEDFORD	6,868	6,727	141	2.1
BELCHERTOWN	4,741	4,614	127	2.7
BELLINGHAM	7,645	7,380	265	3.5
BELMONT	14,166	13,896	270	1.9
BERKLEY	1,946	1,812	134	6.9
BERLIN	1,292	1,255	37	2.9
BERNARDSTON	1,025	1,003	22	2.1
BEVERLY	23,179	22,564	615	2.7
BILLERICA	23,309	22,556	753	3.2
BLACKSTONE	3,432	3,177	255	7.4
BLANDFORD	639	627	12	1.9
BOLTON	1,662	1,627	35	2.1
BOSTON	303,014	292,495	10,519	3.5
BOURNE	7,740	7,467	273	3.5
BOXBOROUGH	2,067	2,033	34	1.6
BOXFORD	3,063	3,000	63	2.1
BOYLSTON	2,232	2,174	58	2.6
BRAINTREE	19,455	18,932	523	2.7
BREWSTER	3,549	3,449	100	2.8
BRIDGEWATER	9,628	9,308	320	3.3
BRIMFIELD	1,128	1,070	58	5.1
BROCKTON	49,505	47,212	2,293	4.6
BROOKFIELD	1,569	1,510	59	3.8
BROOKLINE	32,598	32,041	557	1.7
BUCKLAND	1,016	1,007	9	0.9
BURLINGTON	13,863	13,445	418	3.0
CAMBRIDGE	54,440	53,148	1,292	2.4
CANTON	10,460	10,173	287	2.7
CARLISLE	2,244	2,213	31	1.4
CARVER	4,660	4,484	176	3.8
CHARLEMONT	672	647	25	3.7
CHARLTON	4,392	4,228	164	3.7
CHATHAM	3,283	3,226	57	1.7
CHELMSFORD	19,905	19,397	508	2.6
CHELSEA	11,777	11,173	604	5.1
CHESHIRE	1,694	1,632	62	3.7
CHESTER	609	581	28	4.6
CHESTERFIELD	681	655	26	3.8
CHICOPEE	29,096	27,934	1,162	4.0
CHILMARK	424	416	8	1.9
CLARKSBURG	936	932	4	0.4
CLINTON	7,038	6,805	233	3.3
COHASSET	3,925	3,808	117	3.0
COLRAIN	910	875	35	3.8
CONCORD	9,228	9,093	135	1.5
CONWAY	856	828	28	3.3
CUMMINGTON	443	433	10	2.3
DALTON	3,295	3,188	107	3.2
DANVERS	15,150	14,741	409	2.7
DARTMOUTH	14,061	13,497	564	4.0
DEDHAM	13,793	13,387	406	2.9
DEERFIELD	2,948	2,868	80	2.7
DENNIS	7,074	6,878	196	2.8
DIGHTON	2,880	2,784	96	3.3
DOUGLAS	2,472	2,386	86	3.5
DOVER	2,480	2,444	36	1.5
DRACUT	15,459	14,880	579	3.7
DUDLEY	5,205	5,073	132	2.5
DUNSTABLE	1,272	1,235	37	2.9
DUXBURY	6,824	6,658	166	2.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
EAST BRIDGEWATER	5,486	5,296	190	3.5
EAST BROOKFIELD	1,010	972	38	3.8
EAST LONGMEADOW	6,335	6,199	136	2.1
EASTHAM	2,398	2,342	56	2.3
EASTHAMPTON	8,699	8,435	264	3.0
EASTON	10,902	10,598	304	2.8
EDGARTOWN	2,049	1,973	76	3.7
EGREMONT	790	781	9	1.1
ERVING	607	590	17	2.8
ESSEX	1,784	1,738	46	2.6
EVERETT	18,968	18,177	791	4.2
FAIRHAVEN	8,127	7,774	353	4.3
FALL RIVER	42,625	40,289	2,336	5.5
FALMOUTH	14,352	13,925	427	3.0
FITCHBURG	19,011	18,004	1,007	5.3
FLORIDA	385	339	46	11.9
FOXBOROUGH	8,251	8,031	220	2.7
FRAMINGHAM	39,624	38,492	1,132	2.9
FRANKLIN	10,249	9,942	307	3.0
FREETOWN	4,317	4,154	163	3.8
GARDNER	8,592	8,158	434	5.1
GAY HEAD	123	119	4	3.3
GEORGETOWN	3,121	3,021	100	3.2
GILL	769	761	8	1.0
GLOUCESTER	16,376	15,359	1,017	6.2
GOSHEN	460	457	3	0.7
GOSNOLD	35	35	0	0.0
GRAFTON	7,175	7,009	166	2.3
GRANBY	2,813	2,718	95	3.4
GRANVILLE	770	748	22	2.9
GREAT BARRINGTON	3,847	3,746	101	2.6
GREENFIELD	9,845	9,550	295	3.0
GROTON	3,919	3,826	93	2.4
GROVELAND	2,729	2,644	85	3.1
HADLEY	3,186	3,065	121	3.8
HALIFAX	3,037	2,891	146	4.8
HAMILTON	4,312	4,242	70	1.6
HAMPDEN	2,262	2,192	70	3.1
HANCOCK	327	318	9	2.8
HANOVER	6,171	5,980	191	3.1
HANSON	4,458	4,298	160	3.6
HARDWICK	964	927	37	3.8
HARVARD	3,460	3,412	48	1.4
HARWICH	4,857	4,743	114	2.3
HATFIELD	2,354	2,205	149	6.3
HAVERHILL	23,791	22,660	1,131	4.8
HAWLEY	195	191	4	2.1
HEATH	312	303	9	2.9
HINGHAM	10,235	9,987	248	2.4
HINSDALE	835	807	28	3.4
HOLBROOK	6,267	6,049	218	3.5
HOLDEN	7,991	7,837	154	1.9
HOLLAND	714	690	24	3.4
HOLLISTON	7,522	7,349	173	2.3
HOLYOKE	17,845	17,077	768	4.3
HOPEDALE	2,088	2,008	80	3.8
HOPKINTON	5,000	4,865	135	2.7
HUBBARDSTON	904	870	34	3.6
HUDSON	10,558	10,291	267	2.5
HULL	4,761	4,530	231	4.9
HUNTINGTON	917	872	45	4.9
IPSWICH	7,076	6,929	147	2.1
KINGSTON	4,305	4,153	152	3.5
LAKEVILLE	3,632	3,563	69	1.9
LANCASTER	3,202	3,141	61	1.9
LANESBOROUGH	1,609	1,559	50	3.1
LAWRENCE	29,746	27,418	2,328	7.8
LEE	2,944	2,863	81	2.8
LEICESTER	5,513	5,326	187	3.4
LENOX	3,348	3,264	84	2.5
LEOMINSTER	17,731	16,885	846	4.8
LEVERETT	1,212	1,165	47	3.9
LEXINGTON	16,783	16,540	243	1.4
LEYDEN	383	362	21	5.5
LINCOLN	3,514	3,473	41	1.2
LITTLETON	4,145	4,057	88	2.1
LONGMEADOW	7,707	7,601	106	1.4
LOWELL	54,459	51,774	2,685	4.9
LUDLOW	10,383	9,998	385	3.7
LUNENBURG	4,554	4,397	157	3.4
LYNN	40,202	38,453	1,749	4.4
LYNNFIELD	6,188	6,023	165	2.7

MAY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	29,106	28,048	1,058	3.6
MANCHESTER	3,032	2,956	76	2.5
MANSFIELD	8,242	8,035	207	2.5
MARBLEHEAD	12,127	11,848	279	2.3
MARION	2,107	2,028	79	3.7
MARLBOROUGH	18,954	18,393	561	3.0
MARSHFIELD	11,903	11,527	376	3.2
MASHPEE	3,606	3,488	118	3.3
MATTAPOISETT	3,275	3,198	77	2.4
MAYNARD	5,757	5,613	144	2.5
MEDFIELD	5,688	5,550	138	2.4
MEDFORD	31,183	30,154	1,029	3.3
MEDWAY	5,216	5,066	150	2.9
MELROSE	15,978	15,521	457	2.9
MENDON	1,930	1,854	76	3.9
MERRIMAC	2,468	2,370	98	4.0
METHUEN	21,561	20,754	807	3.7
MIDDLEBOROUGH	8,258	7,942	316	3.8
MIDDLEFIELD	211	201	10	4.7
MIDDLETON	3,067	2,988	79	2.6
MILFORD	13,460	12,940	520	3.9
MILLBURY	6,667	6,441	226	3.4
MILLIS	4,087	3,947	140	3.4
MILLVILLE	953	899	54	5.7
MILTON	13,218	12,956	262	2.0
MONROE	61	61	0	0.0
MONSON	3,590	3,495	95	2.6
MONTAGUE	4,478	4,325	153	3.4
MONTEREY	581	574	7	1.2
MONTGOMERY	310	303	7	2.3
MOUNT WASHINGTON	73	72	1	1.4
NAHANT	2,226	2,153	73	3.3
NANTUCKET	5,575	5,516	59	1.1
NATICK	18,221	17,804	417	2.3
NEEDHAM	15,453	15,188	265	1.7
NEW ASHFORD	98	96	2	2.0
NEW BEDFORD	48,338	45,509	2,829	5.9
NEW BRAINTREE	333	316	17	5.1
NEW MARLBOROUGH	729	720	9	1.2
NEW SALEM	452	402	50	11.1
NEWBURY	2,679	2,599	80	3.0
NEWBURYPORT	8,936	8,573	363	4.1
NEWTON	48,291	47,385	906	1.9
NORFOLK	3,699	3,607	92	2.5
NORTH ADAMS	8,138	7,719	419	5.1
NORTH ANDOVER	11,412	11,110	302	2.6
NORTH ATTLEBOROUGH	11,946	11,409	537	4.5
NORTH BROOKFIELD	2,420	2,215	205	8.5
NORTH READING	6,955	6,773	182	2.6
NORTHAMPTON	14,217	13,831	386	2.7
NORTHBOROUGH	6,689	6,559	130	1.9
NORTHBRIDGE	6,933	6,729	204	2.9
NORTHFIELD	1,393	1,365	28	2.0
NORTON	7,484	7,269	215	2.9
NORWELL	4,911	4,791	120	2.4
NORWOOD	17,186	16,562	624	3.6
OAK BLUFFS	1,328	1,293	35	2.6
OAKHAM	562	533	29	5.2
ORANGE	3,027	2,844	183	6.0
ORLEANS	3,110	3,030	80	2.6
OTIS	516	483	33	6.4
OXFORD	6,757	6,556	201	3.0
PALMER	6,216	6,029	187	3.0
PAXTON	2,300	2,267	33	1.4
PEABODY	28,809	27,890	919	3.2
PELHAM	1,001	960	41	4.1
PEMBROKE	7,560	7,261	299	4.0
PEPPERELL	5,511	5,316	195	3.5
PERU	428	422	6	1.4
PETERSHAM	470	462	8	1.7
PHILLIPSTON	503	488	15	3.0
PITTSFIELD	24,680	23,492	1,188	4.8
PLAINFIELD	239	223	16	6.7
PLAINVILLE	3,195	3,022	173	5.4
PLYMOUTH	19,294	18,507	787	4.1
PLYMPTON	1,137	1,105	32	2.8
PRINCETON	1,777	1,735	42	2.4
PROVINCETOWN	2,442	2,121	321	13.1
QUINCY	47,470	45,782	1,688	3.6
RANDOLPH	16,686	16,161	525	3.1
RAYNHAM	5,072	4,961	111	2.2
READING	13,194	12,869	325	2.5
REHOBOTH	4,124	3,951	173	4.2
REVERE	23,139	22,211	928	4.0
RICHMOND	857	838	19	2.2
ROCHESTER	2,043	1,999	44	2.2
ROCKLAND	7,982	7,663	319	4.0
ROCKPORT	3,442	3,302	140	4.1
ROWE	193	181	12	6.2
ROWLEY	2,813	2,721	92	3.3
ROYALSTON	478	457	21	4.4
RUSSELL	775	756	19	2.5
RUTLAND	2,567	2,502	65	2.5
SALEM	23,191	22,434	757	3.3
SALISBURY	3,543	3,371	172	4.9
SANDISFIELD	380	376	4	1.1
SANDWICH	7,146	7,006	140	2.0
SAUGUS	14,763	14,207	556	3.8
SAVOY	345	337	8	2.3
SCITUATE	9,138	8,911	227	2.5
SEEKONK	6,400	6,119	281	4.4
SHARON	8,391	8,202	189	2.3
SHEFFIELD	1,514	1,488	26	1.7
SHELBURNE	1,050	1,002	48	4.6
SHERBORN	2,202	2,162	40	1.8
SHIRLEY	2,853	2,739	114	4.0
SHREWSBURY	13,584	13,290	294	2.2
SHUTESBURY	965	929	36	3.7
SOMERSET	9,848	9,489	359	3.6
SOMERVILLE	40,637	39,452	1,185	2.9
SOUTH HADLEY	8,687	8,439	248	2.9
SOUTHAMPTON	2,357	2,296	61	2.6
SOUTHBOROUGH	3,685	3,590	95	2.6
SOUTHBRIDGE	6,728	6,381	347	5.2
SOUTHWICK	4,070	3,984	86	2.1
SPENCER	6,278	6,111	167	2.7
SPRINGFIELD	67,411	64,393	3,018	4.5
STERLING	3,809	3,729	80	2.1
STOCKBRIDGE	1,297	1,270	27	2.1
STONEHAM	12,982	12,595	387	3.0
STOUGHTON	15,344	14,831	513	3.3
STOW	3,168	3,103	65	2.1
STURBRIDGE	3,095	2,963	132	4.3
SUDBURY	7,654	7,524	130	1.7
SUNDERLAND	2,519	2,385	134	5.3
SUTTON	3,537	3,453	84	2.4
SWAMPSCOTT	8,071	7,878	193	2.4
SWANSEA	8,211	7,916	295	3.6
TAUNTON	24,089	22,988	1,101	4.6
TEMPLETON	2,671	2,509	162	6.1
TEWKSBURY	15,348	14,991	357	2.3
TISBURY	2,384	2,327	57	2.4
TOLLAND	150	148	2	1.3
TOPSFIELD	3,194	3,133	61	1.9
TOWNSEND	4,543	4,416	127	2.8
TRURO	690	635	55	8.0
TYNGSBOROUGH	4,938	4,755	183	3.7
TYRINGHAM	252	250	2	0.8
UPTON	2,362	2,297	65	2.8
UXBRIDGE	4,986	4,809	177	3.5
WAKEFIELD	14,442	14,040	402	2.8
WALES	542	516	26	4.8
WALPOLE	10,906	10,606	300	2.8
WALTHAM	33,997	33,126	871	2.6
WARE	3,900	3,760	140	3.6
WAREHAM	10,140	9,799	341	3.3
WARREN	1,544	1,473	71	4.6
WARWICK	247	234	13	5.3
WASHINGTON	320	317	3	0.9
WATERTOWN	20,307	19,843	464	2.3
WAYLAND	7,086	6,943	143	2.0
WEBSTER	8,085	7,785	300	3.7
WELLESLEY	14,251	14,059	192	1.3
WELLFLEET	1,218	1,166	52	4.3
WENDELL	407	387	20	4.9
WENHAM	2,228	2,205	23	1.0
WEST BOYLSTON	3,555	3,454	101	2.8
WEST BRIDGEWATER	3,519	3,415	104	3.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MAY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,421	1,375	46	3.2
WEST NEWBURY	1,624	1,588	36	2.2
WEST SPRINGFIELD	14,612	14,137	475	3.3
WEST STOCKBRIDGE	725	711	14	1.9
WEST TISBURY	910	901	9	1.0
WESTBOROUGH	8,298	8,135	163	2.0
WESTFIELD	18,273	17,792	481	2.6
WESTFORD	9,208	8,945	263	2.9
WESTHAMPTON	833	820	13	1.6
WESTMINSTER	2,832	2,709	123	4.3
WESTON	5,769	5,708	61	1.1
WESTPORT	6,989	6,733	256	3.7
WESTWOOD	7,118	6,946	172	2.4
WEYMOUTH	31,150	30,180	970	3.1
WHATELY	1,021	984	37	3.6
WHITMAN	7,412	7,151	261	3.5
WILBRAHAM	6,324	6,208	116	1.8
WILLIAMSBURG	1,566	1,520	46	2.9
WILLIAMSTOWN	4,033	3,992	41	1.0
WILMINGTON	9,591	9,245	346	3.6
WINCHENDON	3,338	3,155	183	5.5
WINCHESTER	11,019	10,823	196	1.8
WINDSOR	372	350	22	5.9
WINTHROP	10,949	10,592	357	3.3
WOBURN	22,121	21,813	308	1.4
WORCESTER	84,923	81,759	3,164	3.7
WORTHINGTON	649	635	14	2.2
WRENTHAM	3,967	3,861	106	2.7
YARMOUTH	9,875	9,621	254	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	MAY 89	APR 89	MAY 88	MAY 89	APR 89	MAY 88
MASSACHUSETTS	6,853	5,955	5,142	66,398	72,250	47,648
MAJOR LABOR AREAS						
BOSTON PMSA	2,712	2,327	1,741	29,188	30,474	20,286
BROCKTON PMSA	228	214	194	2,267	2,471	1,680
FALL RIVER PMSA[3]	301	401	373	2,490	3,002	2,106
FITCHBURG-LEOMINSTER MSA	204	126	95	1,411	1,495	735
LAWRENCE-HAVERHILL PMSA[4]	487	429	277	4,505	4,798	2,661
LOWELL PMSA[4]	372	270	227	3,356	3,457	1,880
NEW BEDFORD MSA	470	294	256	2,908	3,196	2,192
PITTSFIELD MSA	62	89	81	974	1,240	1,007
SPRINGFIELD MSA	312	298	265	3,294	3,398	2,282
SALEM-GLOUCESTER PMSA	625	508	388	5,124	5,652	3,564
WORCESTER MSA	448	388	348	4,441	4,851	2,829
OTHER LABOR AREAS						
AMHERST LMA	29	20	13	202	230	121
ATHOL LMA	44	34	34	368	409	265
BARNSTABLE COUNTY LMA	192	179	130	2,360	3,389	1,747
BALANCE OF WESTERN MA EA	17	22	7	159	216	111
DUKES COUNTY LMA	3	5	2	94	171	52
GARDNER LMA	83	46	55	532	535	304
GREAT BARRINGTON LMA	4	7	9	99	141	90
GREENFIELD LMA	35	70	32	470	630	301
NANTUCKET LMA	2	2	3	31	49	19
NORTH ADAMS LMA	31	70	31	497	644	432
SOUTHBRIDGE LMA	41	30	43	358	406	273
TAUNTON LMA	140	117	90	924	1,038	498
WARE LMA	24	17	17	205	260	180

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Employment Review

JUNE 1989

EMPLOYMENT CONTINUES TO EXPAND

The addition of 21,100 jobs to total nonagricultural wage and salary employment enabled employment levels in the Commonwealth to expand in June 1989. The state's total employment reached 3,176,000 this month.

- The manufacturing division showed an increase of 1,900 jobs since May 1989. This was largely due to the creation of 1,700 new jobs in the nondurable goods producing industries. The durable goods producing industries added another 200 jobs to the manufacturing total.

- Seasonal declines of 15,800 in educational services was the major factor in the employment decline in services in June.

- Seasonal influences were also evident in the construction industry with the addition of 4,300 jobs this month. Wholesale and retail trade showed the most growth over the past month, gaining 11,400 workers.

Massachusetts employment expansion has resulted in an additional 22,500 jobs since June 1988. This represents an annual growth rate of 0.7 percent for total state total employment.

- The greatest rise in employment occurred in the service division, as jobs incresed by 33,600 from June 1988. Similarly, the finance, insurance, and real estate division showed a strong growth rate at 3.9 percent, with 8,800 jobs added over the year. A modest gain was observed in transportation, communication, and public utilities with 1,200 new jobs over the year.

- Seasonal increases were not enough to overcome annual losses in construction. This division exhibited an over the year decline with the loss of 5,900 jobs.

- Manufacturing dipped over the year with 13,500 fewer jobs. The bulk of this decline was seen in the durable goods industries with its employment level down 11,800 since last year. Nondurable goods displayed a decline of only 1,700 jobs in the same time period.

(continued on page 9)

Commonwealth of Massachusetts

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3176.0	3154.9	3153.5	21.1	0.7	22.5	0.7
Manufacturing	576.3	574.4	589.8	1.9	0.3	-13.5	-2.3
Durable Goods	379.9	379.7	391.7	0.2	0.1	-11.8	-3.0
Lumber & Furniture	12.2	12.0	12.6	0.2	1.7	-0.4	-3.2
Stone,Clay & Glass	11.1	11.3	11.5	-0.2	-1.8	-0.4	-3.5
Primary Metals	15.5	15.6	15.6	-0.1	-0.6	-0.1	-0.6
Fabricated Metals	40.1	40.2	40.9	-0.1	-0.2	-0.8	-2.0
Cutlery,Hand tools,Hardware	8.3	8.2	8.8	0.1	1.2	-0.5	-5.7
Machinery, except electrical	100.0	99.8	100.5	0.2	0.2	-0.5	-0.5
Metalworking machinery	13.7	13.4	13.2	0.3	2.2	0.5	3.8
Special industry machinery	10.8	10.9	11.3	-0.1	-0.9	-0.5	-4.4
* Office Computing, & Accounting Machines	54.6	54.7	54.4	-0.1	-0.2	0.2	0.4
Electrical & Electronic machinery,equip.,etc.	98.8	98.9	103.8	-0.1	-0.1	-5.0	-4.8
Communications equipment	37.1	37.1	38.7	0.0	****	-1.6	-4.1
Electronic components	38.3	38.3	40.9	0.0	****	-2.6	-6.4
Transportation equipment	30.8	30.8	32.9	0.0	****	-2.1	-6.4
Instruments	52.6	52.5	54.6	0.1	0.2	-2.0	-3.7
Measuring & Control devices	20.7	20.5	20.4	0.2	1.0	0.3	1.5
Miscellaneous Manufacturing Industries	18.8	18.6	19.3	0.2	1.1	-0.5	-2.6
Jewelry	7.2	7.1	7.2	0.1	1.4	0.0	****
Nondurable Goods	196.4	194.7	198.1	1.7	0.9	-1.7	-0.9
Food & kindred products	21.0	20.5	20.9	0.5	2.4	0.1	0.5
Textile mill products	15.7	15.6	16.2	0.1	0.6	-0.5	-3.1
Apparel	23.2	23.4	24.1	-0.2	-0.9	-0.9	-3.7
Mens & Boys suits,coats & furnishings	6.0	6.1	6.4	-0.1	-1.6	-0.4	-6.3
Paper & allied products	24.7	24.4	24.9	0.3	1.2	-0.2	-0.8
Printing & Publishing	56.3	55.7	56.3	0.6	1.1	0.0	****
Chemicals	19.1	19.0	18.5	0.1	0.5	0.6	3.2
Rubber & miscellaneous Plastic products	26.7	26.5	26.6	0.2	0.8	0.1	0.4
Miscellaneous Plastic products	20.7	20.4	20.5	0.3	1.5	0.2	1.0
Leather & Leather products	8.1	8.1	8.9	0.0	****	-0.8	-9.0
Footwear, except rubber	3.6	3.6	4.3	0.0	****	-0.7	-16.3
Mining	1.4	1.3	1.7	0.1	7.7	-0.3	-17.6
Construction	146.5	142.2	152.4	4.3	3.0	-5.9	-3.9
Transportation, Communication & Public Utilities	137.0	135.6	135.8	1.4	1.0	1.2	0.9
Wholesale & Retail trade	740.6	729.2	742.9	11.4	1.6	-2.3	-0.3
Wholesale Trade	184.7	182.5	180.2	2.2	1.2	4.5	2.5
Retail Trade	555.9	546.7	562.7	9.2	1.7	-6.8	-1.2
Finance, Insurance & Real Estate	237.1	233.2	228.3	3.9	1.7	8.8	3.9
Banking	65.9	65.2	65.3	0.7	1.1	0.6	0.9
Services	926.3	929.4	892.7	-3.1	-0.3	33.6	3.8
Health Services	255.7	254.5	251.8	1.2	0.5	3.9	1.5
Educational Services	106.5	122.3	100.9	-15.8	-12.9	5.6	5.6
Government	410.8	409.6	409.9	1.2	0.3	0.9	0.2
Federal	62.4	62.4	62.7	0.0	****	-0.3	-0.5
U.S. Postal Service	27.1	27.2	27.3	-0.1	-0.4	-0.2	-0.7
State	101.5	101.2	103.2	0.3	0.3	-1.7	-1.6
Educational services	22.6	23.4	25.0	-0.8	-3.4	-2.4	-9.6
Local	246.9	246.0	244.0	0.9	0.4	2.9	1.2
Educational services	138.2	141.0	136.2	-2.8	-2.0	2.0	1.5
Other Local	108.7	105.0	107.8	3.7	3.5	0.9	0.8
* High Technology Manufacturing	230.6	230.7	237.9	-0.1	****	-7.3	-3.1
* High Technology Nonmanufacturing	93.3	92.0	89.2	1.3	1.4	4.1	4.6

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1770.9	1769.3	1765.4	1.6	0.1	5.5	0.3
Manufacturing	267.5	266.7	273.8	0.8	0.3	-6.3	-2.3
Durable Goods	189.2	189.2	195.1	0.0	****	-5.9	-3.0
Primary Metals	3.1	3.2	3.2	-0.1	-3.1	-0.1	-3.1
Fabricated Metals	14.8	14.7	15.5	0.1	0.7	-0.7	-4.5
Machinery, except electrical	44.6	44.7	45.7	-0.1	-0.2	-1.1	-2.4
Electrical & Electronic machinery,equip.,etc.	56.2	56.4	57.9	-0.2	-0.4	-1.7	-2.9
Transportation equipment	19.3	19.4	20.5	-0.1	-0.5	-1.2	-5.9
Instruments	39.8	39.4	40.2	0.4	1.0	-0.4	-1.0
Nondurable Goods	78.3	77.5	78.7	0.8	1.0	-0.4	-0.5
Food & kindred products	11.8	11.5	11.3	0.3	2.6	0.5	4.4
Textile mill products	1.9	1.9	2.3	0.0	****	-0.4	-17.4
Apparel	6.0	5.9	6.3	0.1	1.7	-0.3	-4.8
Paper & allied products	6.7	6.7	6.9	0.0	****	-0.2	-2.9
Printing & Publishing	34.1	33.7	33.5	0.4	1.2	0.6	1.8
Chemicals	7.9	7.9	8.1	0.0	****	-0.2	-2.5
Rubber & miscellaneous Plastic products . .	7.0	7.0	7.2	0.0	****	-0.2	-2.8
Leather & Leather products	2.3	2.3	2.4	0.0	****	-0.1	-4.2
Mining	1.0	1.0	0.9	0.0	****	0.1	11.1
Construction	76.4	74.1	76.5	2.3	3.1	-0.1	-0.1
Transportation, Communication & Public Utilities	76.6	77.1	77.8	-0.5	-0.6	-1.2	-1.5
Wholesale & Retail trade	387.1	384.9	392.9	2.2	0.6	-5.8	-1.5
Finance, Insurance & Real Estate	161.3	158.9	156.5	2.4	1.5	4.8	3.1
Banking	44.4	43.9	43.9	0.5	1.1	0.5	1.1
Insurance	35.0	34.7	35.4	0.3	0.9	-0.4	-1.1
Services	589.2	596.7	576.4	-7.5	-1.3	12.8	2.2
Health Services	147.4	147.1	143.8	0.3	0.2	3.6	2.5
Educational Services	79.8	92.4	80.7	-12.6	-13.6	-0.9	-1.1
Government	211.8	209.9	210.6	1.9	0.9	1.2	0.6
Federal	38.1	37.9	38.5	0.2	0.5	-0.4	-1.0
U.S. Postal Service	15.0	15.1	15.3	-0.1	-0.7	-0.3	-2.0
Federal Hospitals	5.1	5.0	4.9	0.1	2.0	0.2	4.1
State	50.2	49.8	51.7	0.4	0.8	-1.5	-2.9
State Hospitals	4.9	4.9	4.9	0.0	****	0.0	****
Educational services	8.5	8.6	8.2	-0.1	-1.2	0.3	3.7
Local	123.5	122.2	120.4	1.3	1.1	3.1	2.6

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	246.2	245.0	244.1	1.2	0.5	2.1	0.9
Manufacturing	50.3	50.4	51.3	-0.1	-0.2	-1.0	-1.9
Durable Goods	25.0	25.2	25.9	-0.2	-0.8	-0.9	-3.5
Fabricated Metals	6.7	6.7	6.8	0.0	****	-0.1	-1.5
Machinery, except electrical	6.3	6.3	6.2	0.0	****	0.1	1.6
Nondurable Goods	25.3	25.2	25.4	0.1	0.4	-0.1	-0.4
Textile mill products	1.7	1.6	1.6	0.1	6.3	0.1	6.3
Apparel	0.9	0.9	0.9	0.0	****	0.0	****
Paper & allied products	8.4	8.2	8.0	0.2	2.4	0.4	5.0
Printing & Publishing	6.5	6.5	6.6	0.0	****	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.6	11.1	10.7	0.5	4.5	0.9	8.4
Transportation, Communication & Public Utilities	10.6	10.5	9.9	0.1	1.0	0.7	7.1
Wholesale & Retail trade	59.0	58.4	57.9	0.6	1.0	1.1	1.9
Finance, Insurance & Real Estate	15.9	15.7	16.0	0.2	1.3	-0.1	-0.6
Services	60.4	60.7	58.9	-0.3	-0.5	1.5	2.5
Government	38.3	38.1	39.3	0.2	0.5	-1.0	-2.5
Federal	6.1	6.0	6.2	0.1	1.7	-0.1	-1.6
State	8.1	8.4	8.2	-0.3	-3.6	-0.1	-1.2
Local	24.1	23.7	24.9	0.4	1.7	-0.8	-3.2
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	217.8	216.1	209.5	1.7	0.8	8.3	4.0
Manufacturing	46.3	45.9	45.2	0.4	0.9	1.1	2.4
Durable Goods	30.6	30.5	29.7	0.1	0.3	0.9	3.0
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.6	7.6	7.1	0.0	****	0.5	7.0
Machinery, except electrical	10.1	10.0	9.8	0.1	1.0	0.3	3.1
Nondurable Goods	15.7	15.4	15.5	0.3	1.9	0.2	1.3
Textile mill products	2.5	2.4	2.6	0.1	4.2	-0.1	-3.8
Leather & Leather products	0.6	0.6	0.7	0.0	****	-0.1	-14.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.4	10.9	11.1	0.5	4.6	0.3	2.7
Transportation, Communication & Public Utilities	9.9	9.8	9.7	0.1	1.0	0.2	2.1
Wholesale & Retail trade	52.7	52.1	50.4	0.6	1.2	2.3	4.6
Finance, Insurance & Real Estate	15.9	15.4	14.7	0.5	3.2	1.2	8.2
Services	56.6	56.6	53.5	0.0	****	3.1	5.8
Government	24.9	25.3	24.8	-0.4	-1.6	0.1	0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	76.3	75.8	74.4	0.5	0.7	1.9	2.6
Manufacturing	11.0	11.0	11.1	0.0	****	-0.1	-0.9
Durable Goods	6.2	6.2	6.2	0.0	****	0.0	****
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.3	0.0	****	0.0	****
Nondurable Goods	4.8	4.8	4.9	0.0	****	-0.1	-2.0
Construction	4.6	4.5	4.3	0.1	2.2	0.3	7.0
Transportation, Communication & Public Utilities	5.1	5.0	5.3	0.1	2.0	-0.2	-3.8
Wholesale & Retail trade	22.9	22.8	22.6	0.1	0.4	0.3	1.3
Finance, Insurance & Real Estate	3.5	3.4	3.4	0.1	2.9	0.1	2.9
Services	16.7	16.7	15.7	0.0	****	1.0	6.4
Government	12.5	12.4	12.0	0.1	0.8	0.5	4.2
Federal	3.5	3.4	3.1	0.1	2.9	0.4	12.9
State	2.7	2.8	2.6	-0.1	-3.6	0.1	3.8
Local	6.3	6.2	6.3	0.1	1.6	0.0	****
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	169.6	167.7	169.1	1.9	1.1	0.5	0.3
Manufacturing	47.5	47.4	51.2	0.1	0.2	-3.7	-7.2
Durable Goods	33.2	33.3	36.6	-0.1	-0.3	-3.4	-9.3
Nondurable Goods	14.3	14.1	14.6	0.2	1.4	-0.3	-2.1
Leather & Leather products	1.6	1.6	2.0	0.0	****	-0.4	-20.0
Construction	8.2	8.0	8.1	0.2	2.5	0.1	1.2
Transportation, Communication & Public Utilities	7.5	7.4	7.1	0.1	1.4	0.4	5.6
Wholesale & Retail trade	38.8	38.3	37.4	0.5	1.3	1.4	3.7
Finance, Insurance & Real Estate	7.3	7.1	6.8	0.2	2.8	0.5	7.4
Services	38.7	37.7	36.6	1.0	2.7	2.1	5.7
Government	21.6	21.8	21.9	-0.2	-0.9	-0.3	-1.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	44.6	43.3	43.6	1.3	3.0	1.0	2.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	11.0	10.9	11.2	0.1	0.9	-0.2	-1.8
Machinery	6.6	6.6	6.7	0.0	****	-0.1	-1.5
All other manufacturing	4.4	4.3	4.5	0.1	2.3	-0.1	-2.2
Construction	3.1	2.9	2.8	0.2	6.9	0.3	10.7
Transportation, Communication & Public Utilities	1.3	1.2	11.2	0.1	8.3	-9.9	-88.4
Wholesale & Retail trade	10.4	10.2	9.8	0.2	2.0	0.6	6.1
Finance, Insurance & Real Estate	2.0	2.0	2.1	0.0	****	-0.1	-4.8
Services	11.7	11.1	11.5	0.6	5.4	0.2	1.7
Government	5.0	4.9	4.9	0.1	2.0	0.1	2.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	70.3	69.6	69.0	0.7	1.0	1.3	1.9
Manufacturing	18.1	18.0	19.2	0.1	0.6	-1.1	-5.7
Durable Goods	7.7	7.6	8.2	0.1	1.3	-0.5	-6.1
Primary & Fabricated Metals	2.3	2.2	2.4	0.1	4.5	-0.1	-4.2
Nondurable Goods	10.4	10.4	11.0	0.0	****	-0.6	-5.5
Apparel	5.2	5.1	5.8	0.1	2.0	-0.6	-10.3
Construction	4.1	4.0	3.6	0.1	2.5	0.5	13.9
Transportation, Communication & Public Utilities	3.0	3.1	3.1	-0.1	-3.2	-0.1	-3.2
Wholesale & Retail trade	17.0	16.8	16.6	0.2	1.2	0.4	2.4
Finance, Insurance & Real Estate	2.6	2.6	2.6	0.0	****	0.0	****
Services	14.7	14.5	13.9	0.2	1.4	0.8	5.8
Government	10.8	10.6	10.0	0.2	1.9	0.8	8.0
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.4	56.9	56.7	0.5	0.9	0.7	1.2
Manufacturing	14.9	15.1	15.8	-0.2	-1.3	-0.9	-5.7
Textile mill products	3.8	3.8	3.8	0.0	****	0.0	****
All other manufacturing	11.1	11.3	12.0	-0.2	-1.8	-0.9	-7.5
Construction	3.8	3.7	3.3	0.1	2.7	0.5	15.2
Transportation, Communication & Public Utilities	2.0	2.0	2.0	0.0	****	0.0	****
Wholesale & Retail trade	14.5	14.4	14.4	0.1	0.7	0.1	0.7
Finance, Insurance & Real Estate	3.6	3.4	3.3	0.2	5.9	0.3	9.1
Services	11.5	11.2	10.9	0.3	2.7	0.6	5.5
Government	7.1	7.1	7.0	0.0	****	0.1	1.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1989	MAY 1989	JUNE 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	42.9	42.5	42.1	0.4	0.9	0.8	1.9
Manufacturing	12.4	12.2	12.0	0.2	1.6	0.4	3.3
Durable Goods	5.1	5.0	5.0	0.1	2.0	0.1	2.0
Machinery, except electrical	3.1	3.0	3.0	0.1	3.3	0.1	3.3
Nondurable Goods	7.3	7.2	7.0	0.1	1.4	0.3	4.3
Rubber & miscellaneous Plastic products	3.7	3.6	3.4	0.1	2.8	0.3	8.8
Construction	2.9	2.9	2.8	0.0	****	0.1	3.6
Transportation, Communication & Public Utilities	1.5	1.6	1.6	-0.1	-6.3	-0.1	-6.3
Wholesale & Retail trade	10.4	10.4	10.2	0.0	****	0.2	2.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	9.2	9.0	8.9	0.2	2.2	0.3	3.4
Government	4.8	4.7	4.9	0.1	2.1	-0.1	-2.0
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	112.2	111.8	111.1	0.4	0.4	1.1	1.0
Mining	0.2	0.2	0.2	0.0	****	0.0	****
Manufacturing	35.9	36.0	36.9	-0.1	-0.3	-1.0	-2.7
Construction	6.7	6.4	6.3	0.3	4.7	0.4	6.3
Transportation, Communication & Public Utilities	5.7	5.3	4.9	0.4	7.5	0.8	16.3
Wholesale & Retail trade	23.9	24.1	23.5	-0.2	-0.8	0.4	1.7
Finance, Insurance & Real Estate	4.2	4.1	4.0	0.1	2.4	0.2	5.0
Services	21.8	22.0	21.5	-0.2	-0.9	0.3	1.4
Government	13.8	13.7	13.8	0.1	0.7	0.0	****
***SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	120.9	118.4	118.6	2.5	2.1	2.3	1.9
Manufacturing	21.2	21.2	22.4	0.0	****	-1.2	-5.4
Durable Goods	14.5	14.6	15.5	-0.1	-0.7	-1.0	-6.5
Nondurable Goods	6.7	6.6	6.9	0.1	1.5	-0.2	-2.9
Construction	6.4	6.1	5.7	0.3	4.9	0.7	12.3
Transportation, Communication & Public Utilities	4.4	4.2	4.0	0.2	4.8	0.4	10.0
Wholesale & Retail trade	34.1	33.5	34.2	0.6	1.8	-0.1	-0.3
Finance, Insurance & Real Estate	6.5	6.3	6.1	0.2	3.2	0.4	6.6
Services	31.5	30.7	29.9	0.8	2.6	1.6	5.4
Government	16.8	16.4	16.3	0.4	2.4	0.5	3.1

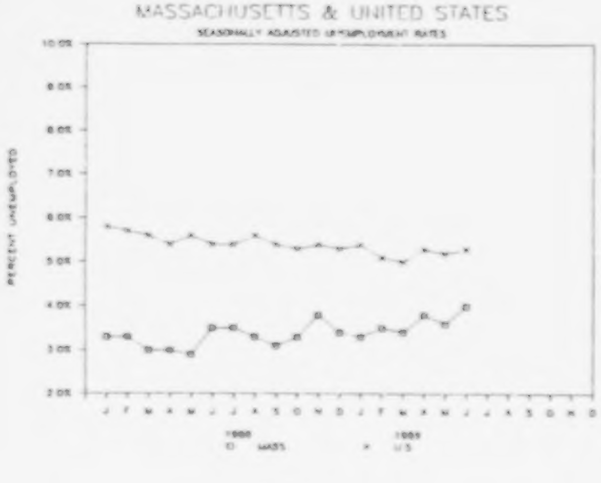
NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

	Average Weekly Hours			Average Hourly Earnings		
Area	JUNE 89	MAY 89	JUNE 88	JUNE 89	MAY 89	JUNE 88
UNITED STATES	41.0	40.9	41.2	$10.45	$10.42	$10.18
MASSACHUSETTS	41.1	40.9	41.5	10.74	10.67	10.23
BOSTON	40.8	40.5	41.8	11.43	11.37	10.90
BROCKTON	39.3	39.1	40.4	9.04	8.96	8.42
FALL RIVER	38.3	37.3	36.9	8.34	8.29	7.62
LAWRENCE-HAVERHILL	41.1	41.1	40.2	10.52	10.51	10.14
LOWELL	39.6	39.4	42.3	10.61	10.53	10.12
NEW BEDFORD	38.3	38.4	38.5	9.19	9.13	8.75
SPRINGFIELD	42.3	42.4	43.0	9.94	9.90	9.70
WORCESTER	41.6	41.5	40.5	10.97	10.87	10.41

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

	Average Weekly Hours			Average Hourly Earnings		
Industry	JUNE 89	MAY 89	JUNE 88	JUNE 89	MAY 89	JUNE 88
MANUFACTURING	41.1	40.9	41.5	$10.74	$10.67	$10.23
DURABLE GOODS	41.9	41.7	42.1	11.15	11.09	10.69
LUMBER & FURNITURE	40.2	40.0	39.7	8.81	8.88	8.03
STONE, CLAY & GLASS	43.7	42.3	41.2	12.89	12.86	12.68
PRIMARY METALS	41.9	41.7	41.8	10.72	10.58	9.91
FABRICATED METALS	41.6	40.9	42.1	11.24	11.19	10.79
CUTLERY, ETC.	45.5	44.7	45.8	11.63	11.75	11.21
MACHINERY, EX. ELEC.	42.4	42.0	43.3	11.31	11.31	10.86
METALWORKING MACH.	43.8	43.7	43.5	11.47	11.45	11.29
SPECIAL INDU. MACH.	43.0	42.8	44.7	12.31	12.20	11.96
ELEC. & ELECTRON. MACH.	40.6	40.9	41.2	10.65	10.53	10.31
COMMUNICATIONS EQUIP.	42.3	43.1	40.1	11.27	11.08	10.72
ELECTRONIC COMP.	40.9	41.0	41.6	10.81	10.60	10.28
TRANSPORTATION EQUIP.	42.3	41.9	43.0	13.23	13.19	12.75
INSTRUMENTS	42.9	43.1	43.3	11.70	11.59	11.00
MEAS. & CONTROL DEVICES	44.9	45.4	46.5	9.15	9.04	8.43
MISC. MANUFAC. IND.	42.1	42.6	41.2	9.51	9.55	8.87
JEWELRY	40.4	41.1	40.7	8.63	8.66	7.96
NONDURABLE GOODS	40.0	39.6	40.5	10.06	9.97	9.55
FOOD & KINDRED PROD.	42.0	42.1	39.6	10.62	10.46	10.15
TEXTILE MILL PROD.	43.3	42.6	43.6	9.10	9.15	8.68
APPAREL	37.3	37.1	38.3	7.40	7.21	6.54
MENS & BOYS SUITS	37.4	37.6	40.4	7.89	7.82	7.26
PAPER & ALLIED PRODUCTS	42.6	42.5	45.1	10.86	10.69	10.24
PRINTING & PUBLISHING	37.2	36.5	37.3	11.02	11.08	10.38
CHEMICALS	41.1	40.9	43.0	12.17	12.13	12.00
RUBBER & PLASTIC PROD.	41.6	41.2	42.2	9.79	9.66	9.39
MISC. PLAS. PROD.	41.5	40.7	40.7	9.57	9.42	9.22
LEATHER & LEATHER PROD.	35.7	35.8	36.5	7.88	7.89	7.59
FOOTWEAR, EX. RUBBER	36.2	35.7	37.6	6.92	6.97	6.78



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UNEMPLOYMENT RATE RISES

The Commonwealth registered a seasonally adjusted unemployment rate of 4.0 percent in June 1989. This is an increase from the 3.6 percent rate in May 1989. Typically for June, the Massachusetts labor force has added additional jobseekers. Although there are generally more jobs available in June, there are more people looking to fill them. The onslaught of students and other seekers of summer employment can account for this trend.

* The Boston PMSA led the State's major labor areas with a seasonally unadjusted unemployment rate of 3.4 percent. Low unemployment rates were similarly observed in the Salem - Gloucester PMSA (3.5 percent), and the Worcester MSA (3.9 percent).

* The Fitchburg-Leominister MSA and the Fall River PMSA unemployment rates ranked as the highest rates among the large areas with 5.6 percent and 5.5 percent respectively.

* Among the smaller areas, seasonal factors enabled the Nantucket LMA (0.9 percent) and the Dukes County LMA (1.9 percent) to experience extremely low unemployment rates for June.

SOFTWARE FIRMS PREDICTED TO PROSPER

The Massachusetts Computer Software Council has published a report entitled "Software Industry Survey". Conducted by the accounting firm of Price Waterhouse the report offers indepth findings on software industry trends. The report's findings come from a survey of 798 Massachusetts software firms. One major optimistic prediction is that the state's employment in the software industry is expected to grow 17 percent this year . Additionally these software companies perceive that their 1989 revenues will not drop.

There are notable major exceptions, yet the software industry is apparently thriving in the Commonwealth. Low start up costs coupled with ambitious software development plans have enabled this particular industry to provide a much needed boost for the state's economy.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	JUNE 1989	MAY 1989	JUNE 1988
United States	5.3	5.2	5.4
Massachusetts	4.0	3.6	3.5
Labor Force	3,166.0	3,196.0	3,154.0
Employed	3,040.0	3,080.0	3,045.0
Unemployed	126.0	116.0	109.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	JUNE 1989	MAY 1989	JUNE 1988
UNITED STATES			
LABOR FORCE	125,569,000	123,195,000	123,028,000
EMPLOYMENT	118,719,000	117,039,000	116,209,000
UNEMPLOYMENT	6,850,000	6,156,000	6,819,000
PERCENT UNEMPLOYED	5.5	5.0	5.5
MASSACHUSETTS			
LABOR FORCE	3,223,100	3,169,600	3,211,800
EMPLOYMENT	3,096,600	3,061,700	3,101,800
UNEMPLOYMENT	126,500	107,900	110,000
PERCENT UNEMPLOYED	3.9	3.4	3.4
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,571,820	1,562,070	1,580,760
EMPLOYMENT	1,518,250	1,516,160	1,533,210
UNEMPLOYMENT	53,570	45,910	47,550
PERCENT UNEMPLOYED	3.4	2.9	3.0
BROCKTON PMSA			
LABOR FORCE	101,940	100,380	100,250
EMPLOYMENT	97,070	96,390	95,940
UNEMPLOYMENT	4,870	3,990	4,310
PERCENT UNEMPLOYED	4.8	4.0	4.3
FALL RIVER PMSA			
LABOR FORCE	77,920	76,580	77,620
EMPLOYMENT	73,610	72,860	73,650
UNEMPLOYMENT	4,320	3,720	3,980
PERCENT UNEMPLOYED	5.5	4.9	5.1
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	48,820	47,810	49,450
EMPLOYMENT	46,070	45,520	47,350
UNEMPLOYMENT	2,750	2,290	2,110
PERCENT UNEMPLOYED	5.6	4.8	4.3
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	193,700	189,550	191,620
EMPLOYMENT	183,320	180,780	183,380
UNEMPLOYMENT	10,380	8,770	8,240
PERCENT UNEMPLOYED	5.4	4.6	4.3
LOWELL PMSA			
LABOR FORCE	157,570	155,570	155,450
EMPLOYMENT	150,520	149,480	149,480
UNEMPLOYMENT	7,050	6,090	5,970
PERCENT UNEMPLOYED	4.5	3.9	3.8
NEW BEDFORD MSA			
LABOR FORCE	89,430	87,610	86,760
EMPLOYMENT	84,670	83,270	82,590
UNEMPLOYMENT	4,760	4,340	4,170
PERCENT UNEMPLOYED	5.3	5.0	4.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	JUNE 1989	MAY 1989	JUNE 1988
PITTSFIELD MSA			
LABOR FORCE	41,930	40,530	41,680
EMPLOYMENT	40,100	38,870	39,680
UNEMPLOYMENT	1,830	1,650	2,000
PERCENT UNEMPLOYED	4.4	4.1	4.8
SALEM-GLOUCESTER PMSA			
LABOR FORCE	161,780	157,490	160,370
EMPLOYMENT	156,120	152,560	154,840
UNEMPLOYMENT	5,660	4,930	5,530
PERCENT UNEMPLOYED	3.5	3.1	3.5
SPRINGFIELD MSA			
LABOR FORCE	254,720	252,700	257,800
EMPLOYMENT	244,280	243,970	249,180
UNEMPLOYMENT	10,440	8,720	8,620
PERCENT UNEMPLOYED	4.1	3.5	3.3
WORCESTER MSA			
LABOR FORCE	233,740	229,600	225,740
EMPLOYMENT	224,520	222,370	218,570
UNEMPLOYMENT	9,220	7,230	7,170
PERCENT UNEMPLOYED	3.9	3.1	3.2
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	31,440	31,660	31,360
EMPLOYMENT	30,350	30,720	30,290
UNEMPLOYMENT	1,090	950	1,070
PERCENT UNEMPLOYED	3.5	3.0	3.4
ATHOL LMA			
LABOR FORCE	11,420	11,170	10,850
EMPLOYMENT	10,660	10,550	10,240
UNEMPLOYMENT	760	620	610
PERCENT UNEMPLOYED	6.6	5.5	5.6
ATTLEBORO LMA			
LABOR FORCE	49,000	48,370	48,630
EMPLOYMENT	46,050	45,840	46,250
UNEMPLOYMENT	2,960	2,530	2,390
PERCENT UNEMPLOYED	6.0	5.2	4.9
BARNSTABLE LMA			
LABOR FORCE	113,860	101,040	113,290
EMPLOYMENT	109,560	96,930	109,420
UNEMPLOYMENT	4,300	4,110	3,870
PERCENT UNEMPLOYED	3.8	4.1	3.4
DUKES COUNTY LMA			
LABOR FORCE	9,950	7,420	9,270
EMPLOYMENT	9,770	7,230	9,130
UNEMPLOYMENT	190	190	140
PERCENT UNEMPLOYED	1.9	2.5	1.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	JUNE 1989	MAY 1989	JUNE 1988
GARDNER LMA			
LABOR FORCE	15,800	15,610	15,250
EMPLOYMENT	14,870	14,800	14,560
UNEMPLOYMENT	930	810	680
PERCENT UNEMPLOYED	5.9	5.2	4.5
GREAT BARRINGTON LMA			
LABOR FORCE	9,670	9,080	9,410
EMPLOYMENT	9,420	8,900	9,200
UNEMPLOYMENT	250	180	210
PERCENT UNEMPLOYED	2.5	2.0	2.3
GREENFIELD LMA			
LABOR FORCE	27,700	27,010	27,620
EMPLOYMENT	26,750	26,200	26,770
UNEMPLOYMENT	950	810	850
PERCENT UNEMPLOYED	3.4	3.0	3.1
NANTUCKET LMA			
LABOR FORCE	8,200	6,080	7,230
EMPLOYMENT	8,130	6,020	7,200
UNEMPLOYMENT	70	60	30
PERCENT UNEMPLOYED	0.9	1.0	0.5
NORTH ADAMS LMA			
LABOR FORCE	20,040	19,530	19,650
EMPLOYMENT	19,210	18,800	18,810
UNEMPLOYMENT	830	730	840
PERCENT UNEMPLOYED	4.2	3.7	4.3
SOUTHBRIDGE LMA			
LABOR FORCE	12,590	12,480	12,740
EMPLOYMENT	11,880	11,900	12,130
UNEMPLOYMENT	710	590	610
PERCENT UNEMPLOYED	5.6	4.7	4.8
TAUNTON LMA			
LABOR FORCE	29,370	28,880	27,120
EMPLOYMENT	27,740	27,540	25,930
UNEMPLOYMENT	1,630	1,340	1,190
PERCENT UNEMPLOYED	5.6	4.6	4.4
WARE LMA			
LABOR FORCE	9,270	9,040	8,540
EMPLOYMENT	8,840	8,700	8,200
UNEMPLOYMENT	430	340	350
PERCENT UNEMPLOYED	4.7	3.8	4.0
BALANCE of WESTERN MASS EA			
LABOR FORCE	10,350	9,840	9,550
EMPLOYMENT	10,000	9,530	9,200
UNEMPLOYMENT	350	310	350
PERCENT UNEMPLOYED	3.4	3.1	3.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

JUNE 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,855	7,545	310	3.9
ACTON	10,232	9,987	245	2.4
ACUSHNET	5,348	5,131	217	4.1
ADAMS	5,222	4,983	239	4.6
AGAWAM	14,470	14,027	443	3.1
ALFORD	244	240	4	1.6
AMESBURY	7,584	7,208	376	5.0
AMHERST	19,694	19,213	481	2.4
ANDOVER	14,383	13,869	514	3.6
ARLINGTON	26,664	25,987	677	2.5
ASHBURNHAM	2,526	2,377	149	5.9
ASHBY	1,306	1,253	53	4.1
ASHFIELD	936	909	27	2.9
ASHLAND	7,143	6,956	187	2.6
ATHOL	5,010	4,650	360	7.2
ATTLEBORO	18,450	17,223	1,227	6.7
AUBURN	9,238	8,831	407	4.4
AVON	2,972	2,865	107	3.6
AYER	3,578	3,434	144	4.0
BARNSTABLE	23,873	22,383	1,490	6.2
BARRE	2,428	2,358	70	2.9
BECKET	856	820	36	4.2
BEDFORD	6,893	6,733	160	2.3
BELCHERTOWN	4,763	4,633	130	2.7
BELLINGHAM	7,708	7,388	320	4.2
BELMONT	14,216	13,909	307	2.2
BERKLEY	1,986	1,822	164	8.3
BERLIN	1,288	1,257	31	2.4
BERNARDSTON	1,046	1,023	23	2.2
BEVERLY	23,742	23,034	708	3.0
BILLERICA	23,622	22,769	853	3.6
BLACKSTONE	3,474	3,204	270	7.8
BLANDFORD	660	649	11	1.7
BOLTON	1,669	1,628	41	2.5
BOSTON	305,108	292,779	12,329	4.0
BOURNE	8,575	8,272	303	3.5
BOXBOROUGH	2,072	2,035	37	1.8
BOXFORD	3,117	3,047	70	2.2
BOYLSTON	2,277	2,200	77	3.4
BRAINTREE	19,541	18,950	591	3.0
BREWSTER	3,943	3,821	122	3.1
BRIDGEWATER	9,804	9,393	411	4.2
BRIMFIELD	1,165	1,094	71	6.1
BROCKTON	50,529	47,544	2,885	5.7
BROOKFIELD	1,603	1,528	75	4.7
BROOKLINE	32,735	32,072	663	2.0
BUCKLAND	1,042	1,028	14	1.3
BURLINGTON	13,917	13,458	459	3.3
CAMBRIDGE	54,768	53,200	1,568	2.9
CANTON	10,496	10,182	314	3.0
CARLISLE	2,247	2,215	32	1.4
CARVER	4,673	4,488	185	4.0
CHARLEMONT	693	660	33	4.8
CHARLTON	4,439	4,278	161	3.6
CHATHAM	3,640	3,574	66	1.8
CHELMSFORD	20,216	19,579	637	3.2
CHELSEA	11,883	11,184	699	5.9
CHESHIRE	1,757	1,682	75	4.3
CHESTER	640	602	38	5.9
CHESTERFIELD	711	678	33	4.6
CHICOPEE	29,392	28,050	1,342	4.6
CHILMARK	580	576	4	0.7
CLARKSBURG	971	965	6	0.6
CLINTON	7,228	6,885	343	4.7
COHASSET	3,949	3,811	138	3.5
COLRAIN	935	893	42	4.5
CONCORD	9,272	9,102	170	1.8
CONWAY	877	845	32	3.6
CUMMINGTON	461	449	12	2.6
DALTON	3,401	3,285	116	3.4
DANVERS	15,523	15,049	474	3.1
DARTMOUTH	14,354	13,736	618	4.3
DEDHAM	13,852	13,400	452	3.3
DEERFIELD	3,009	2,925	84	2.8
DENNIS	7,860	7,619	241	3.1
DIGHTON	2,932	2,800	132	4.5
DOUGLAS	2,533	2,414	119	4.7
DOVER	2,493	2,447	46	1.8
DRACUT	15,734	15,020	714	4.5
DUDLEY	5,311	5,133	178	3.4
DUNSTABLE	1,281	1,247	34	2.7
DUXBURY	6,835	6,664	171	2.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
EAST BRIDGEWATER	5,566	5,345	221	4.0
EAST BROOKFIELD	1,026	984	42	4.1
EAST LONGMEADOW	6,407	6,224	183	2.9
EASTHAM	2,656	2,594	62	2.3
EASTHAMPTON	8,766	8,470	296	3.4
EASTON	11,059	10,696	363	3.3
EDGARTOWN	2,801	2,728	73	2.6
EGREMONT	862	846	16	1.9
ERVING	632	605	27	4.3
ESSEX	1,830	1,774	56	3.1
EVERETT	19,045	18,194	851	4.5
FAIRHAVEN	8,336	7,911	425	5.1
FALL RIVER	43,567	40,771	2,796	6.4
FALMOUTH	15,848	15,426	422	2.7
FITCHBURG	19,489	18,193	1,296	6.6
FLORIDA	403	352	51	12.7
FOXBOROUGH	8,289	8,039	250	3.0
FRAMINGHAM	39,848	38,529	1,319	3.3
FRANKLIN	10,324	9,952	372	3.6
FREETOWN	4,403	4,228	175	4.0
GARDNER	8,776	8,259	517	5.9
GAY HEAD	168	164	4	2.4
GEORGETOWN	3,181	3,068	113	3.6
GILL	793	777	16	2.0
GLOUCESTER	16,730	15,679	1,051	6.3
GOSHEN	476	473	3	0.6
GOSNOLD	48	48	0	0.0
GRAFTON	7,289	7,092	197	2.7
GRANBY	2,829	2,730	99	3.5
GRANVILLE	794	774	20	2.5
GREAT BARRINGTON	4,195	4,061	134	3.2
GREENFIELD	10,096	9,743	353	3.5
GROTON	3,935	3,830	105	2.7
GROVELAND	2,789	2,686	103	3.7
HADLEY	3,100	2,919	181	5.8
HALIFAX	3,085	2,918	167	5.4
HAMILTON	4,425	4,331	94	2.1
HAMPDEN	2,284	2,201	83	3.6
HANCOCK	335	329	6	1.8
HANOVER	6,195	5,986	209	3.4
HANSON	4,475	4,302	173	3.9
HARDWICK	1,028	976	52	5.1
HARVARD	3,481	3,415	66	1.9
HARWICH	5,383	5,254	129	2.4
HATFIELD	2,232	2,101	131	5.9
HAVERHILL	24,323	23,015	1,308	5.4
HAWLEY	199	195	4	2.0
HEATH	310	309	1	0.3
HINGHAM	10,271	9,997	274	2.7
HINSDALE	866	832	34	3.9
HOLBROOK	6,287	6,055	232	3.7
HOLDEN	8,141	7,929	212	2.6
HOLLAND	728	705	23	3.2
HOLLISTON	7,559	7,356	203	2.7
HOLYOKE	17,964	17,148	816	4.5
HOPEDALE	2,109	2,010	99	4.7
HOPKINTON	5,013	4,870	143	2.9
HUBBARDSTON	912	881	31	3.4
HUDSON	10,633	10,300	333	3.1
HULL	4,794	4,535	259	5.4
HUNTINGTON	926	876	50	5.4
IPSWICH	7,245	7,074	171	2.4
KINGSTON	4,350	4,157	193	4.4
LAKEVILLE	3,645	3,566	79	2.2
LANCASTER	3,224	3,144	80	2.5
LANESBOROUGH	1,665	1,607	58	3.5
LAWRENCE	30,550	27,848	2,702	8.8
LEE	3,037	2,950	87	2.9
LEICESTER	5,627	5,388	239	4.2
LENOX	3,435	3,363	72	2.1
LEOMINSTER	18,022	17,062	960	5.3
LEVERETT	1,159	1,109	50	4.3
LEXINGTON	16,859	16,556	303	1.8
LEYDEN	394	370	24	6.1
LINCOLN	3,525	3,476	49	1.4
LITTLETON	4,158	4,061	97	2.3
LONGMEADOW	7,827	7,632	195	2.5
LOWELL	55,326	52,261	3,065	5.5
LUDLOW	10,469	10,040	429	4.1
LUNENBURG	4,607	4,444	163	3.5
LYNN	40,547	38,490	2,057	5.1
LYNNFIELD	6,177	6,028	149	2.4

JUNE 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	29,256	28,075	1,181	4.0
MANCHESTER	3,083	3,018	65	2.1
MANSFIELD	8,316	8,043	273	3.3
MARBLEHEAD	12,423	12,095	328	2.6
MARION	2,151	2,064	87	4.0
MARLBOROUGH	19,082	18,410	672	3.5
MARSHFIELD	12,000	11,538	462	3.9
MASHPEE	3,976	3,864	112	2.8
MATTAPOISETT	3,342	3,255	87	2.6
MAYNARD	5,783	5,619	164	2.8
MEDFIELD	5,708	5,555	153	2.7
MEDFORD	31,314	30,183	1,131	3.6
MEDWAY	5,254	5,071	183	3.5
MELROSE	16,073	15,536	537	3.3
MENDON	1,937	1,856	81	4.2
MERRIMAC	2,511	2,407	104	4.1
METHUEN	22,035	21,079	956	4.3
MIDDLEBOROUGH	8,327	7,950	377	4.5
MIDDLEFIELD	219	209	10	4.6
MIDDLETON	3,134	3,050	84	2.7
MILFORD	13,530	12,953	577	4.3
MILLBURY	6,778	6,517	261	3.9
MILLIS	4,108	3,950	158	3.8
MILLVILLE	982	907	75	7.6
MILTON	13,293	12,969	324	2.4
MONROE	62	62	0	0.0
MONSON	3,618	3,505	113	3.1
MONTAGUE	4,593	4,413	180	3.9
MONTEREY	632	622	10	1.6
MONTGOMERY	311	304	7	2.3
MOUNT WASHINGTON	79	78	1	1.3
NAHANT	2,228	2,155	73	3.3
NANTUCKET	8,204	8,133	71	0.9
NATICK	18,300	17,822	478	2.6
NEEDHAM	15,549	15,202	347	2.2
NEW ASHFORD	101	99	2	2.0
NEW BEDFORD	49,409	46,315	3,094	6.3
NEW BRAINTREE	352	333	19	5.4
NEW MARLBOROUGH	793	780	13	1.6
NEW SALEM	463	412	51	11.0
NEWBURY	2,719	2,640	79	2.9
NEWBURYPORT	9,094	8,707	387	4.3
NEWTON	48,512	47,431	1,081	2.2
NORFOLK	3,729	3,611	118	3.2
NORTH ADAMS	8,480	7,994	486	5.7
NORTH ANDOVER	11,692	11,284	408	3.5
NORTH ATTLEBOROUGH	12,138	11,507	631	5.2
NORTH BROOKFIELD	2,349	2,242	107	4.6
NORTH READING	6,961	6,780	181	2.6
NORTHAMPTON	14,372	13,888	484	3.4
NORTHBOROUGH	6,797	6,637	160	2.4
NORTHBRIDGE	7,052	6,808	244	3.5
NORTHFIELD	1,433	1,393	40	2.8
NORTON	7,545	7,276	269	3.6
NORWELL	4,919	4,795	124	2.5
NORWOOD	17,280	16,578	702	4.1
OAK BLUFFS	1,823	1,787	36	2.0
OAKHAM	598	562	36	6.0
ORANGE	3,154	2,916	238	7.5
ORLEANS	3,448	3,357	91	2.6
OTIS	545	500	45	8.3
OXFORD	6,889	6,633	256	3.7
PALMER	6,266	6,054	212	3.4
PAXTON	2,343	2,294	49	2.1
PEABODY	29,560	28,472	1,088	3.7
PELHAM	964	914	50	5.2
PEMBROKE	7,599	7,268	331	4.4
PEPPERELL	5,567	5,366	201	3.6
PERU	445	437	8	1.8
PETERSHAM	482	474	8	1.7
PHILLIPSTON	516	500	16	3.1
PITTSFIELD	25,546	24,208	1,338	5.2
PLAINFIELD	244	231	13	5.3
PLAINVILLE	3,256	3,048	208	6.4
PLYMOUTH	19,440	18,525	915	4.7
PLYMPTON	1,142	1,106	36	3.2
PRINCETON	1,805	1,756	49	2.7
PROVINCETOWN	2,470	2,349	121	4.9
QUINCY	47,795	45,827	1,968	4.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
RANDOLPH	16,796	16,176	620	3.7
RAYNHAM	5,094	4,965	129	2.5
READING	13,247	12,882	365	2.8
REHOBOTH	4,219	3,985	234	5.5
REVERE	23,280	22,233	1,047	4.5
RICHMOND	883	864	19	2.2
ROCHESTER	2,090	2,034	56	2.7
ROCKLAND	8,016	7,670	346	4.3
ROCKPORT	3,518	3,371	147	4.2
ROWE	196	184	12	6.1
ROWLEY	2,887	2,778	109	3.8
ROYALSTON	492	469	23	4.7
RUSSELL	783	759	24	3.1
RUTLAND	2,612	2,531	81	3.1
SALEM	23,865	22,902	963	4.0
SALISBURY	3,605	3,423	182	5.0
SANDISFIELD	413	407	6	1.5
SANDWICH	7,920	7,761	159	2.0
SAUGUS	14,833	14,221	612	4.1
SAVOY	353	349	4	1.1
SCITUATE	9,141	8,919	222	2.4
SEEKONK	6,481	6,172	309	4.8
SHARON	8,437	8,210	227	2.7
SHEFFIELD	1,654	1,613	41	2.5
SHELBURNE	1,082	1,022	60	5.5
SHERBORN	2,203	2,164	39	1.8
SHIRLEY	2,853	2,742	111	3.9
SHREWSBURY	13,847	13,447	400	2.9
SHUTESBURY	935	885	50	5.3
SOMERSET	10,046	9,602	444	4.4
SOMERVILLE	40,893	39,490	1,403	3.4
SOUTH HADLEY	8,771	8,475	296	3.4
SOUTHAMPTON	2,381	2,305	76	3.2
SOUTHBOROUGH	3,692	3,593	99	2.7
SOUTHBRIDGE	6,977	6,526	451	6.5
SOUTHWICK	4,099	4,001	98	2.4
SPENCER	6,431	6,183	248	3.9
SPRINGFIELD	68,411	64,661	3,750	5.5
STERLING	3,883	3,773	110	2.8
STOCKBRIDGE	1,342	1,309	33	2.5
STONEHAM	13,059	12,607	452	3.5
STOUGHTON	15,456	14,845	611	4.0
STOW	3,187	3,106	81	2.5
STURBRIDGE	3,164	3,031	133	4.2
SUDBURY	7,684	7,531	153	2.0
SUNDERLAND	2,397	2,272	125	5.2
SUTTON	3,608	3,494	114	3.2
SWAMPSCOTT	8,267	8,043	224	2.7
SWANSEA	8,378	8,011	367	4.4
TAUNTON	24,453	23,115	1,338	5.5
TEMPLETON	2,706	2,540	166	6.1
TEWKSBURY	15,816	15,132	684	4.3
TISBURY	3,279	3,217	62	1.9
TOLLAND	153	153	0	0.0
TOPSFIELD	3,271	3,198	73	2.2
TOWNSEND	4,553	4,420	133	2.9
TRURO	734	703	31	4.2
TYNGSBOROUGH	5,009	4,799	210	4.2
TYRINGHAM	261	258	3	1.1
UPTON	2,384	2,300	84	3.5
UXBRIDGE	5,080	4,866	214	4.2
WAKEFIELD	14,472	14,054	418	2.9
WALES	556	528	28	5.0
WALPOLE	10,946	10,617	329	3.0
WALTHAM	34,158	33,158	1,000	2.9
WARE	4,124	3,960	164	4.0
WAREHAM	11,270	10,635	635	5.6
WARREN	1,670	1,554	116	6.9
WARWICK	256	239	17	6.6
WASHINGTON	333	328	5	1.5
WATERTOWN	20,443	19,862	581	2.8
WAYLAND	7,105	6,950	155	2.2
WEBSTER	8,240	7,877	363	4.4
WELLESLEY	14,307	14,073	234	1.6
WELLFLEET	1,335	1,291	44	3.3
WENDELL	412	397	15	3.6
WENHAM	2,275	2,251	24	1.1
WEST BOYLSTON	3,623	3,495	128	3.5
WEST BRIDGEWATER	3,559	3,446	113	3.2

JUNE 1989 PRELIMINARY ESTIMATES -

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,494	1,448	46	3.1
WEST NEWBURY	1,661	1,612	49	3.0
WEST SPRINGFIELD	14,753	14,195	558	3.8
WEST STOCKBRIDGE	791	771	20	2.5
WEST TISBURY	1,251	1,246	5	0.4
WESTBOROUGH	8,465	8,231	234	2.8
WESTFIELD	18,466	17,866	600	3.2
WESTFORD	9,328	9,029	299	3.2
WESTHAMPTON	864	849	15	1.7
WESTMINSTER	2,869	2,738	131	4.6
WESTON	5,797	5,713	84	1.4
WESTPORT	7,122	6,813	309	4.3
WESTWOOD	7,164	6,952	212	3.0
WEYMOUTH	31,338	30,209	1,129	3.6
WHATELY	963	937	26	2.7
WHITMAN	7,514	7,217	297	4.0
WILBRAHAM	6,394	6,234	160	2.5
WILLIAMSBURG	1,630	1,574	56	3.4
WILLIAMSTOWN	4,174	4,135	39	0.9
WILMINGTON	9,640	9,254	386	4.0
WINCHENDON	3,405	3,193	212	6.2
WINCHESTER	11,074	10,834	240	2.2
WINDSOR	386	362	24	6.2
WINTHROP	10,997	10,602	395	3.6
WOBURN	22,640	21,834	806	3.6
WORCESTER	86,804	82,722	4,082	4.7
WORTHINGTON	675	658	17	2.5
WRENTHAM	3,970	3,865	105	2.6
YARMOUTH	10,930	10,659	271	2.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	JUNE 89	MAY 89	JUNE 88	JUNE 89	MAY 89	JUNE 88
MASSACHUSETTS	6,937	6,856	6,242	67,596	66,923	47,126
MAJOR LABOR AREAS						
BOSTON PMSA	2,664	2,682	1,812	29,820	29,424	19,986
BROCKTON PMSA	222	227	199	2,414	2,291	1,655
FALL RIVER PMSA[3]	312	306	357	2,577	2,511	1,996
FITCHBURG-LEOMINSTER MSA	218	202	100	1,484	1,424	940
LAWRENCE-HAVERHILL PMSA[4]	381	487	254	4,674	4,640	2,634
LOWELL PMSA[4]	285	371	223	3,368	3,370	2,048
NEW BEDFORD MSA	371	467	230	2,739	2,942	1,900
PITTSFIELD MSA	79	63	68	840	984	965
SPRINFIELD MSA	302	313	344	3,285	3,324	2,406
SALEM-GLOUCESTER PMSA	691	632	364	5,358	5,135	3,521
WORCESTER MSA	694	440	305	4,721	4,455	2,766
OTHER LABOR AREAS						
AMHERST LMA	20	28	18	184	205	120
ATHOL LMA	56	46	32	397	377	248
BARNSTABLE COUNTY LMA	176	192	111	1,951	2,416	1,300
BALANCE OF WESTERN MA EA	13	17	6	150	154	132
DUKES COUNTY LMA	5	3	1	54	100	25
GARDNER LMA	68	81	34	530	535	322
GREAT BARRINGTON LMA	12	4	5	110	103	81
GREENFIELD LMA	38	37	43	456	472	331
NANTUCKET LMA	4	2	0	12	32	7
NORTH ADAMS LMA	59	30	32	458	512	447
SOUTHBRIDGE LMA	51	40	17	354	359	237
TAUNTON LMA	155	140	100	992	933	576
WARE LMA	41	24	14	215	206	149

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1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded [illegible] self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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